EXHIBIT E

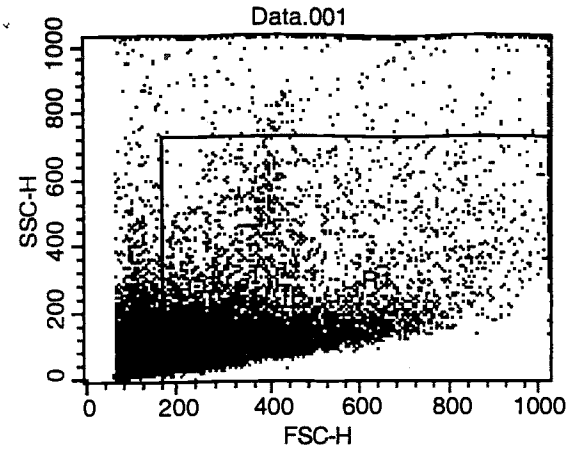
Adoptive transfer exp. OT11 CX4

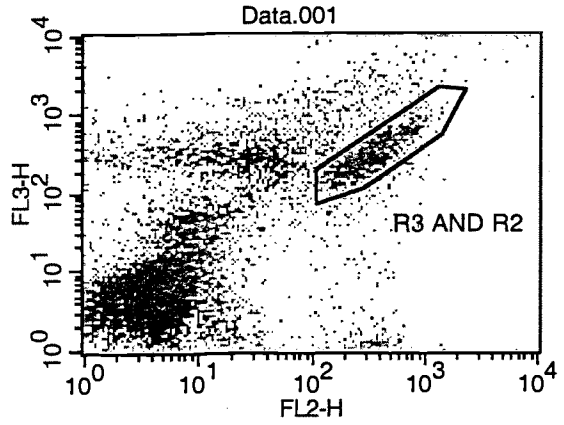
CFSE labeled

Day 0 → i.v. 2×10^6 cells → day ag 1 → day 2 — ort challenge. ortach

$1.7 \times 10^5 \times 2 = 5.4 \times 10^5$ cells/min. 1 mouse

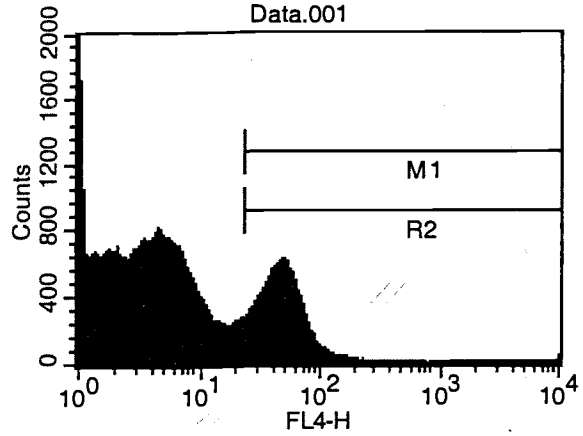
$= 44820$ OT11+/T cells/min





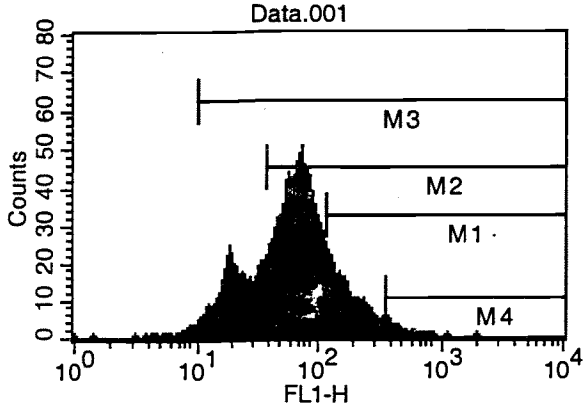
File: Data.001 Sample ID: Day 2 C LN
Acquisition Date: Gate: G2
Gated Events: 70401 Total Events: 550395
X Parameter: FL2-H (Log) Y Parameter: FL3-H (Log)

Region	Events	% Gated	% Total	X Geo Mean	Y Geo Mean
R1	63555	90.28	11.55	13.70	11.65
R2	70401	100.00	12.79	14.03	12.41
R3 AND R2	5886	8.36	1.07	333.72	316.01



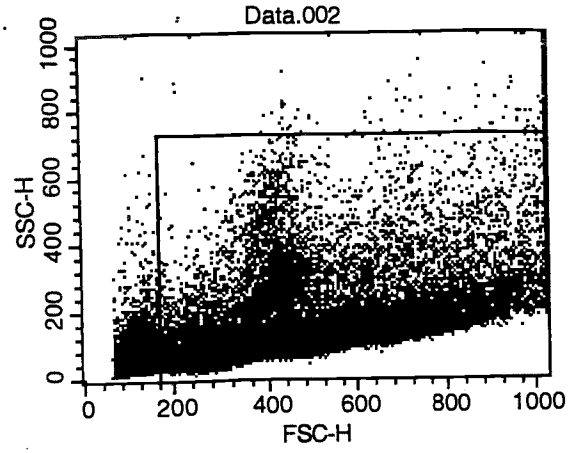
File: Data.001 Log Data Units: Linear Values
Sample ID: Day 2 C LN Acquisition Date:
Gate: G1 Gated Events: 266501
Total Events: 550395 X Parameter: FL4-H (Log)

Marker	Left, Right	Events	% Gated	% Total	Geo Mean	Median
All	1, 9910	266501	100.00	48.42	6.29	4.87
M1	24, 9910	63030	23.65	11.45	48.66	46.14



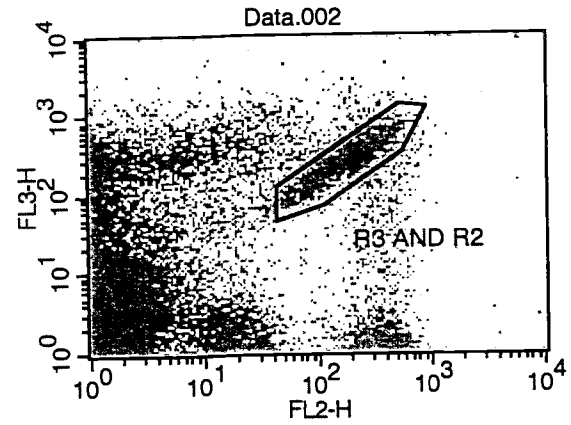
File: Data.001 Sample ID: Day 2 C LN
Acquisition Date: Gate: G3
Gated Events: 7510 Total Events: 550395
X Parameter: FL1-H (Log)

Marker	Left, Right	Events	% Gated	% Total	Geo Mean	Median
All	1, 9910	7510	100.00	1.36	56.73	60.43
M4	346, 9910	156	2.08	0.03	515.22	441.09
M1	113, 9910	1345	17.91	0.24	191.27	166.98
M2	37, 9910	5486	73.05	1.00	84.24	74.99
M3	10, 9910	7379	98.26	1.34	59.07	61.53



5·16 X 12·5 = 64·5 x 10⁶ cells/min

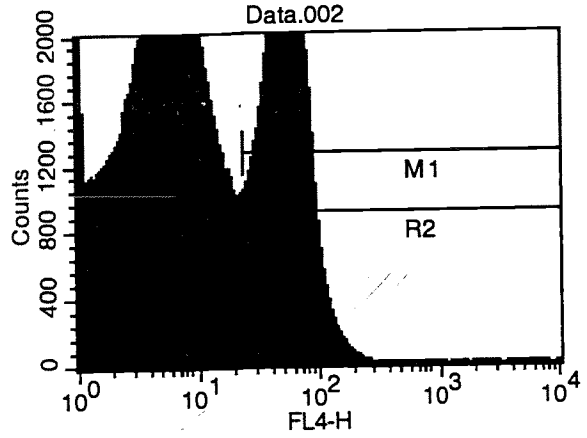
64·5 / 10⁶ X 5·83 = 3·76 cells/min x10⁶



File: Data.002
Acquisition Date:
Gated Events: 348542
X Parameter: FL2-H (Log)

Sample ID: Day 2 C spleen
Gate: G2
Total Events: 1000000
Y Parameter: FL3-H (Log)

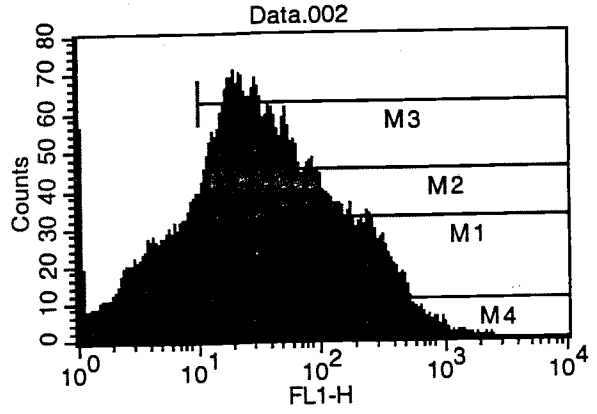
Region	Events	% Gated	% Total	X Geo Mean	Y Geo Mean
R1	345631	99.16	34.56	3.87	10.29
R2	348542	100.00	34.85	3.87	10.47
R3 AND R2	20327	5.83	2.03	192.49	285.35



File: Data.002
Sample ID: Day 2 C spleen
Gate: G1
Total Events: 1000000

Log Data Units: Linear Values
Acquisition Date:
Gated Events: 964240
X Parameter: FL4-H (Log)

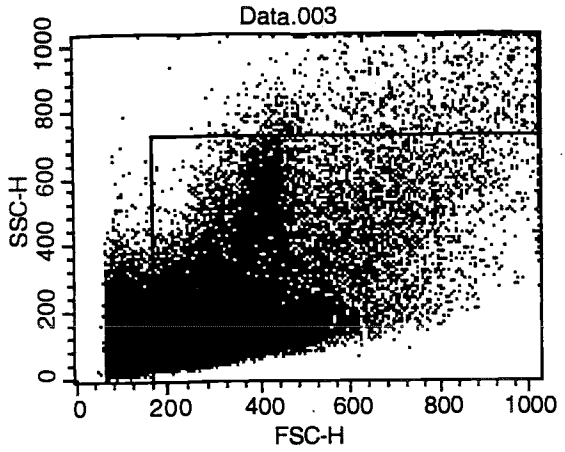
Marker	Left, Right	Events	% Gated	% Total	Geo Mean	Median
All	1, 9910	964240	100.00	96.42	10.95	9.39
M1	24, 9910	343599	35.63	34.36	52.09	52.33



File: Data.002
Acquisition Date:
Gated Events: 23121
X Parameter: FL1-H (Log)

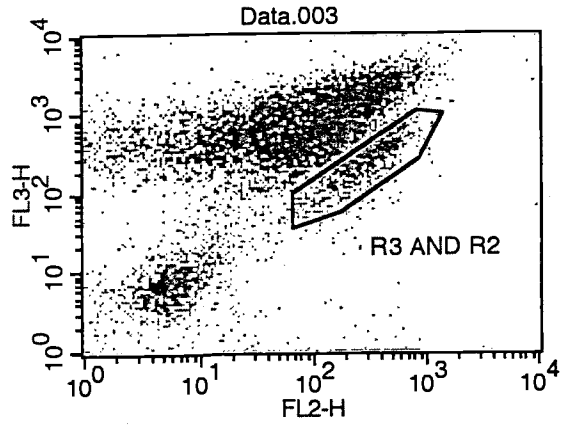
Sample ID: Day 2 C spleen
Gate: G3
Total Events: 1000000

Marker	Left, Right	Events	% Gated	% Total	Geo Mean	Median
All	1, 9910	23121	100.00	2.31	29.36	28.64
M4	346, 9910	996	4.31	0.10	524.86	465.55
M1	113, 9910	4367	18.89	0.44	239.00	220.67
M2	37, 9910	9990	43.21	1.00	111.13	95.60
M3	10, 9910	18184	78.65	1.82	50.90	42.55



1.29 X 10 = 12.9

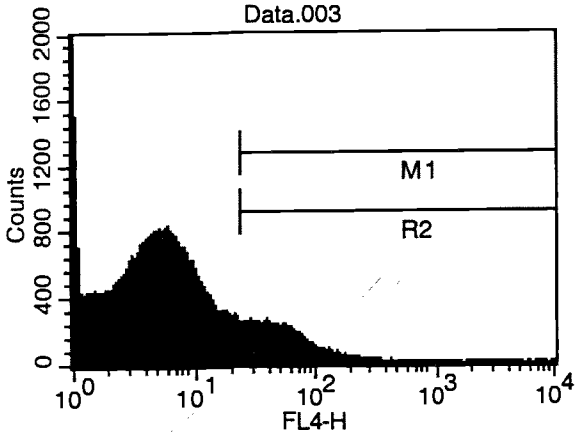
12.9/100 X 8.95 = 1.15 X 10^6 cells/[illegible]



File: Data.003
Acquisition Date:
Gated Events: 42100
X Parameter: FL2-H (Log)

Sample ID: Day 2 C lung
Gate: G2
Total Events: 1000000
Y Parameter: FL3-H (Log)

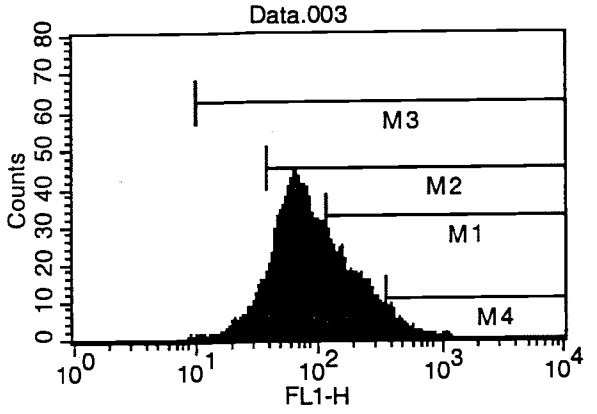
Region	Events	% Gated	% Total	X Geo Mean	Y Geo Mean
R1	37672	89.48	3.77	47.07	287.20
R2	42100	100.00	4.21	49.60	297.98
R3 AND R2	3770	8.95	0.38	255.38	215.34



File: Data.003
Sample ID: Day 2 C lung
Gate: G1
Total Events: 1000000

Log Data Units: Linear Values
Acquisition Date:
Gated Events: 227853
X Parameter: FL4-H (Log)

Marker	Left, Right	Events	% Gated	% Total	Geo Mean	Median
All	1, 9910	227853	100.00	22.79	6.29	5.47
M1	24, 9910	37182	16.32	3.72	55.27	48.70

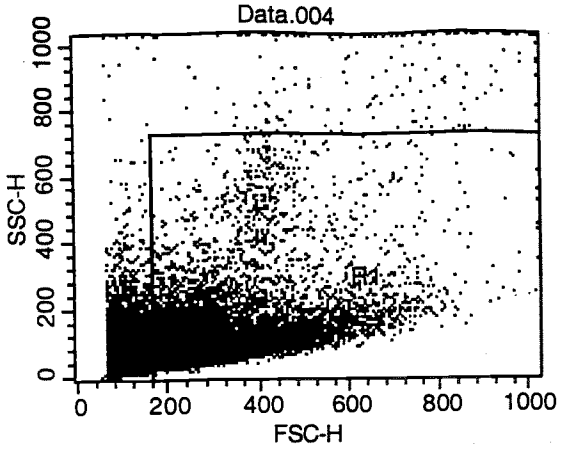


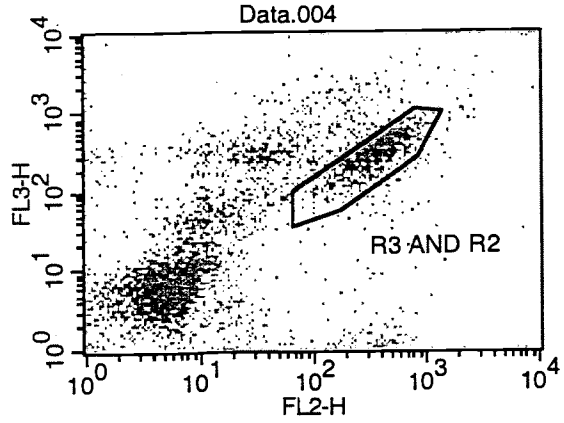
File: Data.003
Acquisition Date:
Gated Events: 6634
X Parameter: FL1-H (Log)

Sample ID: Day 2 C lung
Gate: G3
Total Events: 1000000

Marker	Left, Right	Events	% Gated	% Total	Geo Mean	Median
All	1, 9910	6634	100.00	0.66	84.96	77.04
M4	346, 9910	270	4.07	0.03	466.95	425.51
M1	113, 9910	2049	30.89	0.20	201.19	184.34
M2	37, 9910	5994	90.35	0.60	96.09	84.29
M3	10, 9910	6630	99.94	0.66	85.08	77.04

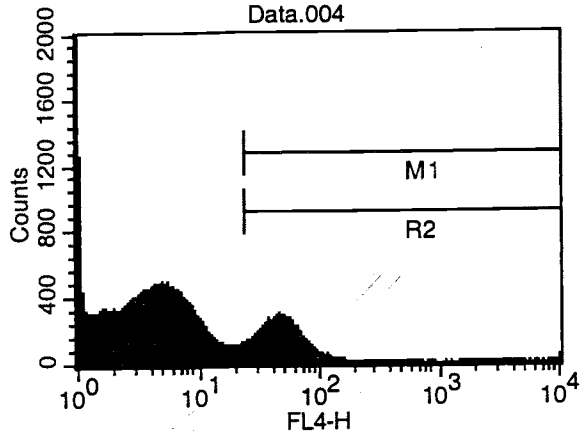
LN Average: 1.54 x 10^6 +
1.31
2.50 +20
5.35 +3
1.78 x 10^6 cells/ml x 2 ml = 3.56 x 10^6 cells
10.764/100 x 17% = 1.82 x 10^6 cells
3.56/100 x 17 = 0.605 x 10^6 cells total





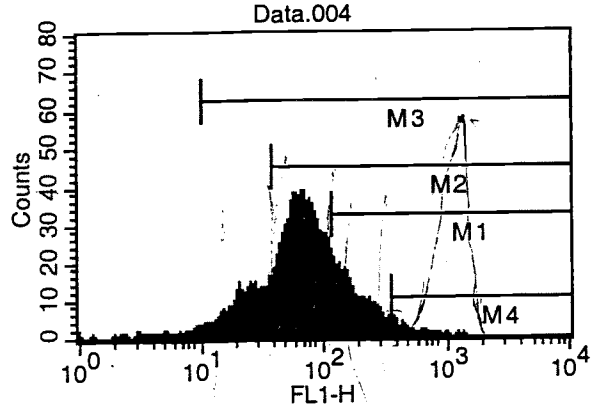
File: Data.004
Acquisition Date:
Gated Events: 31221
X Parameter: FL2-H (Log)
Sample ID: Day 2 #3 lung
Gate: G2
Total Events: 458325
Y Parameter: FL3-H (Log)

Region	Events	% Gated	% Total	X Geo Mean	Y Geo Mean
R1	29092	93.18	6.35	22.58	16.54
R2	31221	100.00	6.81	23.24	18.25
R3 AND R2	4788	15.34	1.04	338.53	288.98



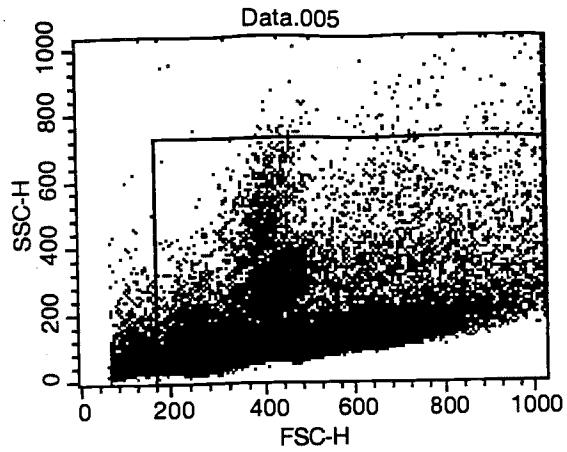
File: Data.004 LN
Sample ID: Day 2 #3 ~~lung~~
Gate: G1
Total Events: 458325
Log Data Units: Linear Values
Acquisition Date:
Gated Events: 141353
X Parameter: FL4-H (Log)

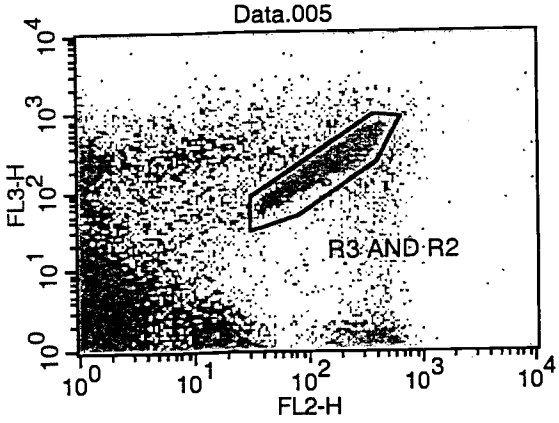
Marker	Left, Right	Events	% Gated	% Total	Geo Mean	Median
All	1, 9910	141353	100.00	30.84	6.02	4.87
M1	24, 9910	28881	20.43	6.30	50.51	47.40



File: Data.004
Acquisition Date:
Gated Events: 6221
X Parameter: FL1-H (Log)
Sample ID: Day 2 #3 lung
Gate: G3
Total Events: 458325

Marker	Left, Right	Events	% Gated	% Total	Geo Mean	Median
All	1, 9910	6221	100.00	1.36	61.67	63.78
M4	346, 9910	165	2.65	0.04	506.71	453.16
M1	113, 9910	1345	21.62	0.29	195.98	174.66
M2	37, 9910	4807	77.27	1.05	88.47	77.74
M3	10, 9910	6031	96.95	1.32	66.79	65.52

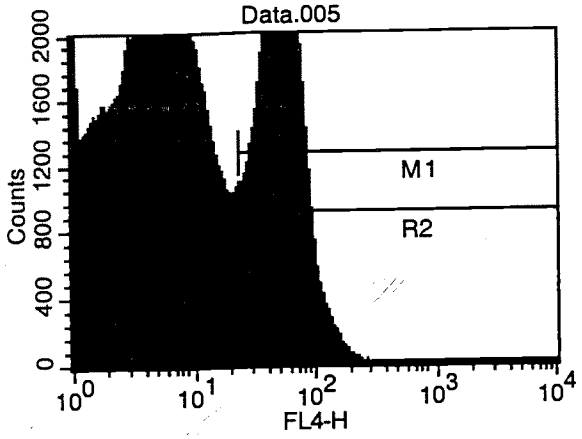




File: Data.005
Acquisition Date:
Gated Events: 322726
X Parameter: FL2-H (Log)

Sample ID: Day 2 #3 spleen
Gate: G2
Total Events: 1000000
Y Parameter: FL3-H (Log)

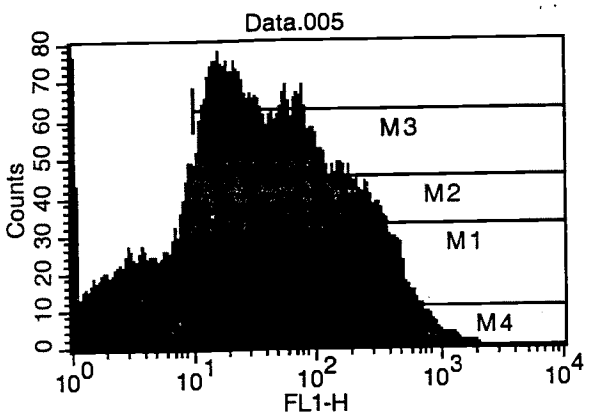
Region	Events	% Gated	% Total	X Geo Mean	Y Geo Mean
R1	319114	98.88	31.91	3.98	10.76
R2	322726	100.00	32.27	3.98	10.98
R3 AND R2	25320	7.85	2.53	174.10	259.74



File: Data.005
Sample ID: Day 2 #3 spleen
Gate: G1
Total Events: 1000000

Log Data Units: Linear Values
Acquisition Date:
Gated Events: 965288
X Parameter: FL4-H (Log)

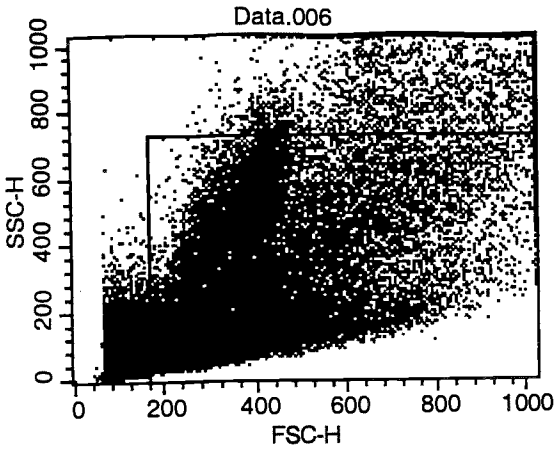
Marker	Left, Right	Events	% Gated	% Total	Geo Mean	Median
All	1, 9910	965288	100.00	96.53	9.76	8.20
M1	24, 9910	317046	32.84	31.70	51.29	50.94

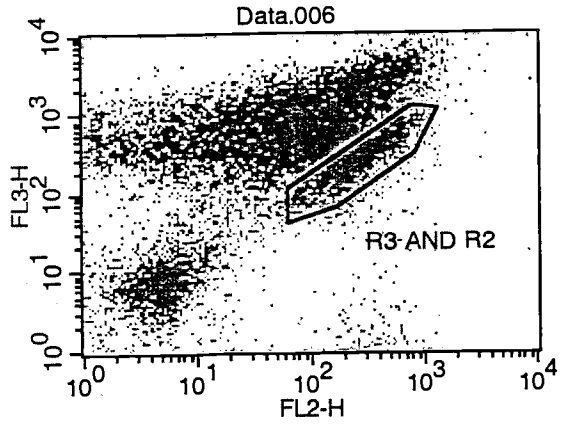


File: Data.005
Acquisition Date:
Gated Events: 28889
X Parameter: FL1-H (Log)

Sample ID: Day 2 #3 spleen
Gate: G3
Total Events: 1000000

Marker	Left, Right	Events	% Gated	% Total	Geo Mean	Median
All	1, 9910	28889	100.00	2.89	31.06	31.34
M4	346, 9910	1629	5.64	0.16	515.24	461.38
M1	113, 9910	6459	22.36	0.65	245.71	228.76
M2	37, 9910	13424	46.47	1.34	121.50	107.46
M3	10, 9910	22814	78.97	2.28	56.68	50.48

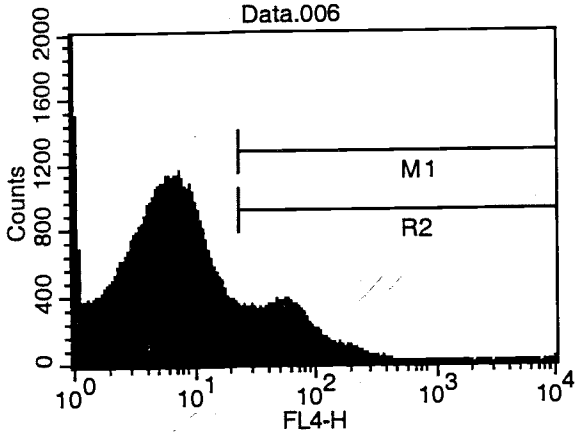




File: Data.006
Acquisition Date:
Gated Events: 68903
X Parameter: FL2-H (Log)

Sample ID: Day 2 #3 lung
Gate: G2
Total Events: 1000000
Y Parameter: FL3-H (Log)

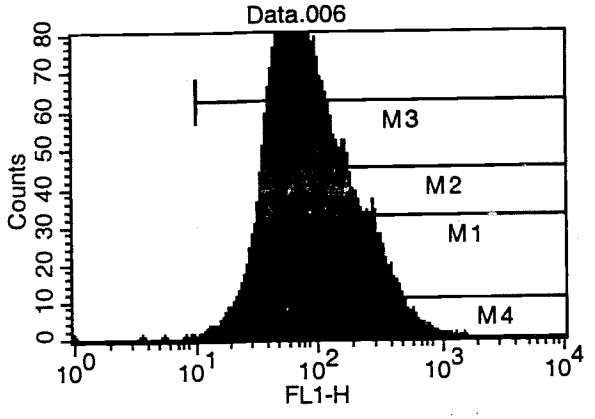
Region	Events	% Gated	% Total	X Geo Mean	Y Geo Mean
R1	61194	88.81	6.12	44.47	252.84
R2	68903	100.00	6.89	48.58	277.20
R3 AND R2	10624	15.42	1.06	260.37	262.19



File: Data.006
Sample ID: Day 2 #3 lung
Gate: G1
Total Events: 1000000

Log Data Units: Linear Values
Acquisition Date:
Gated Events: 308312
X Parameter: FL4-H (Log)

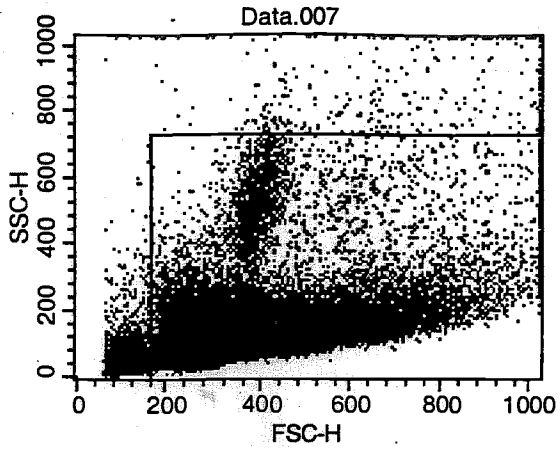
Marker	Left, Right	Events	% Gated	% Total	Geo Mean	Median
All	1, 9910	308312	100.00	30.83	7.89	6.79
M1	24, 9910	60502	19.62	6.05	60.50	54.74

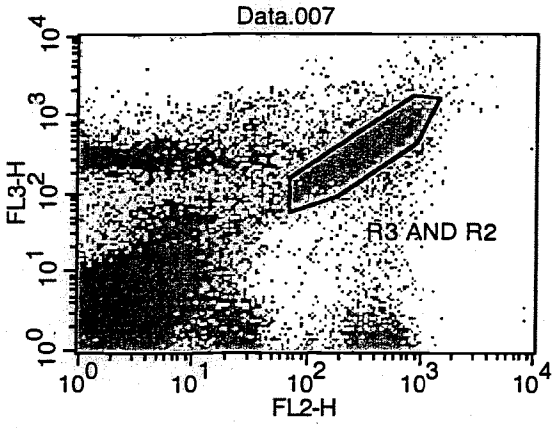


File: Data.006
Acquisition Date:
Gated Events: 16829
X Parameter: FL1-H (Log)

Sample ID: Day 2 #3 lung
Gate: G3
Total Events: 1000000

Marker	Left, Right	Events	% Gated	% Total	Geo Mean	Median
All	1, 9910	16829	100.00	1.68	81.86	72.99
M4	346, 9910	698	4.15	0.07	471.21	433.23
M1	113, 9910	5104	30.33	0.51	204.36	187.69
M2	37, 9910	14907	88.58	1.49	94.68	82.05
M3	10, 9910	16800	99.83	1.68	82.26	73.65

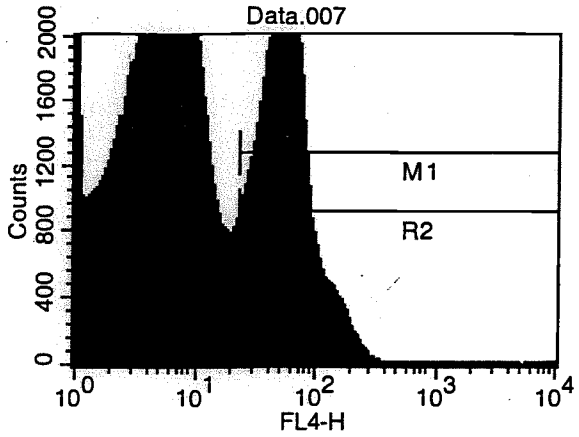




File: Data.007
Acquisition Date: 05-Mar-02
Gated Events: 311817
X Parameter: FL2-H (Log)

Sample ID: Day 2 #4 IN
Gate: G2
Total Events: 1000000
Y Parameter: FL3-H (Log)

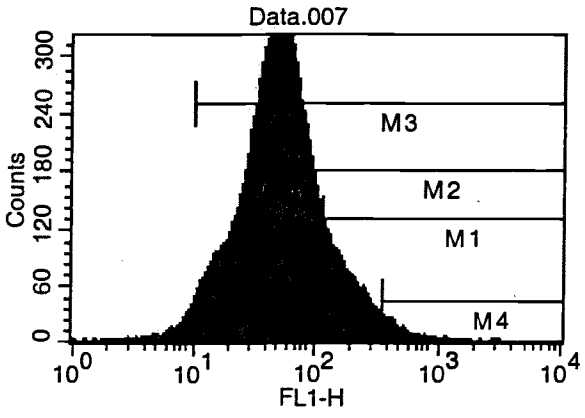
Region	Events	% Gated	% Total	X Geo Mean	Y Geo Mean
R1	308792	99.03	30.88	12.15	17.11
R2	311817	100.00	31.18	12.24	17.33
R3 AND R2	55039	17.65	5.50	322.85	385.66



File: Data.007
Sample ID: Day 2 #4 IN
Gate: G1
Total Events: 1000000

Log Data Units: Linear Values
Acquisition Date: 05-Mar-02
Gated Events: 911428
X Parameter: FL4-H (Log)

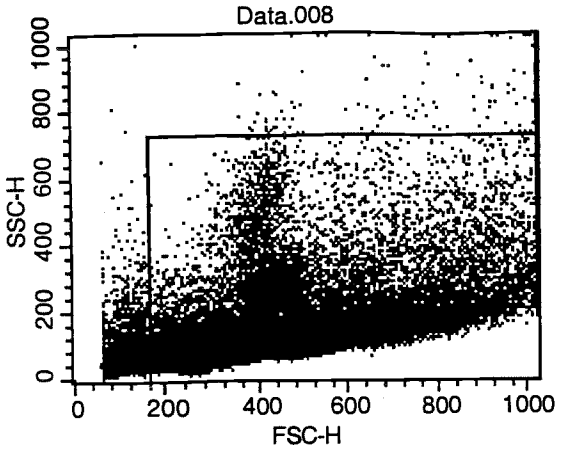
Marker	Left, Right	Events	% Gated	% Total	Geo Mean	Median
All	1, 9910	911428	100.00	91.14	10.28	8.20
M1	24, 9910	307100	33.69	30.71	54.89	52.33

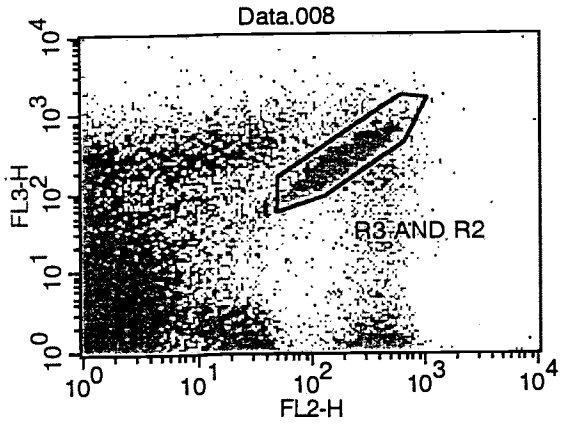


File: Data.007
Acquisition Date: 05-Mar-02
Gated Events: 62809
X Parameter: FL1-H (Log)

Sample ID: Day 2 #4 IN
Gate: G3
Total Events: 1000000

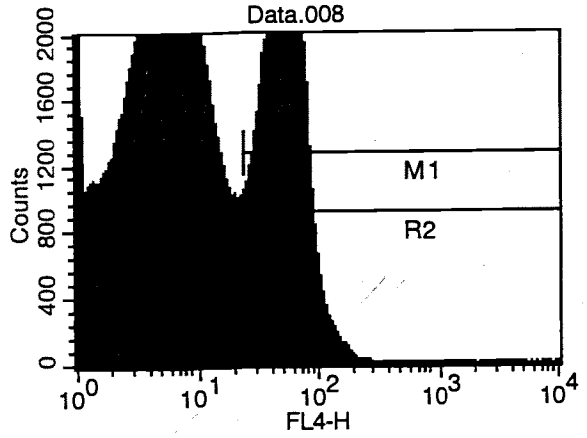
Marker	Left, Right	Events	% Gated	% Total	Geo Mean	Median
All	1, 9910	62809	100.00	6.28	49.71	48.26
M4	346, 9910	1182	1.88	0.12	515.54	461.38
M1	113, 9910	9044	14.40	0.90	199.20	176.24
M2	37, 9910	41852	66.63	4.19	76.46	64.36
M3	10, 9910	61338	97.66	6.13	52.16	49.58





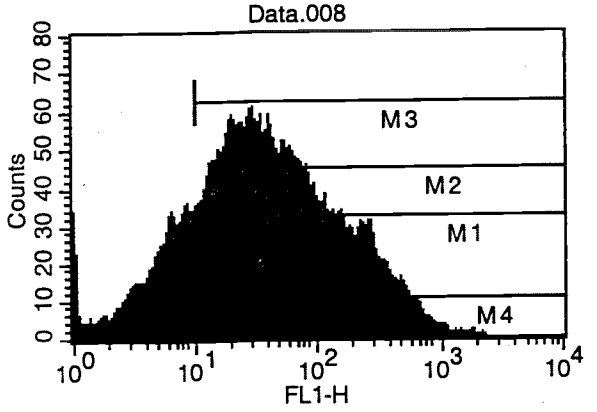
File: Data.008
Sample ID: Day 2 #4 spleen
Acquisition Date:
Gate: G2
Gated Events: 342833
Total Events: 1000000
X Parameter: FL2-H (Log)
Y Parameter: FL3-H (Log)

Region	Events	% Gated	% Total	X Geo Mean	Y Geo Mean
R1	340107	99.20	34.01	4.31	8.90
R2	342833	100.00	34.28	4.33	9.07
R3 AND R2	17457	5.09	1.75	205.58	281.40



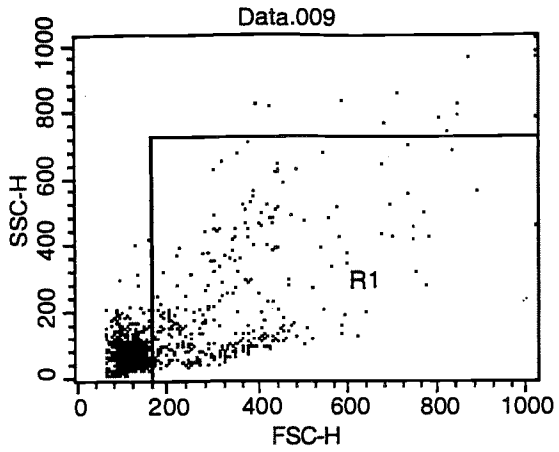
File: Data.008
Log Data Units: Linear Values
Sample ID: Day 2 #4 spleen
Acquisition Date:
Gate: G1
Gated Events: 963982
Total Events: 1000000
X Parameter: FL4-H (Log)

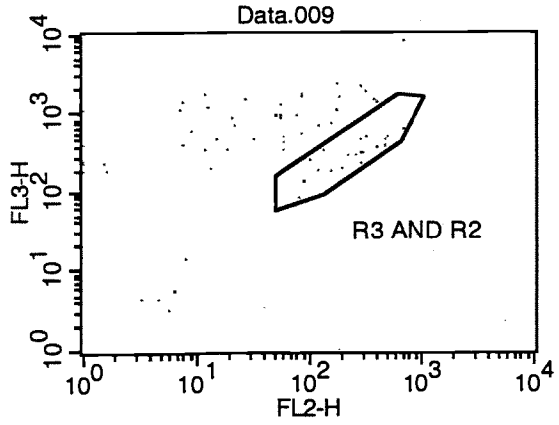
Marker	Left, Right	Events	% Gated	% Total	Geo Mean	Median
All	1, 9910	963982	100.00	96.40	10.65	9.14
M1	24, 9910	338087	35.07	33.81	50.30	50.03



File: Data.008
Sample ID: Day 2 #4 spleen
Acquisition Date:
Gate: G3
Gated Events: 20191
Total Events: 1000000
X Parameter: FL1-H (Log)

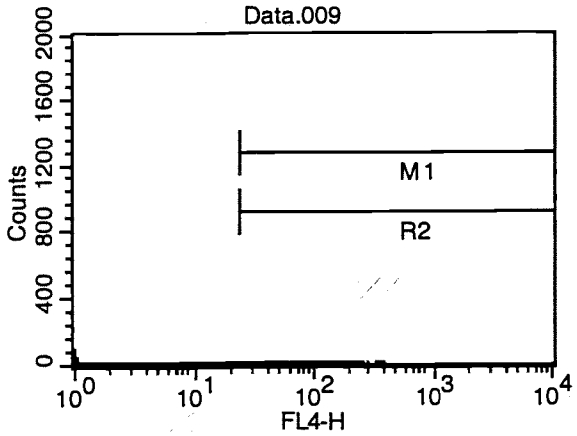
Marker	Left, Right	Events	% Gated	% Total	Geo Mean	Median
All	1, 9910	20191	100.00	2.02	34.42	32.78
M4	346, 9910	998	4.94	0.10	536.76	482.61
M1	113, 9910	4204	20.82	0.42	241.83	220.67
M2	37, 9910	9469	46.90	0.95	112.91	97.34
M3	10, 9910	16455	81.50	1.65	53.92	46.14





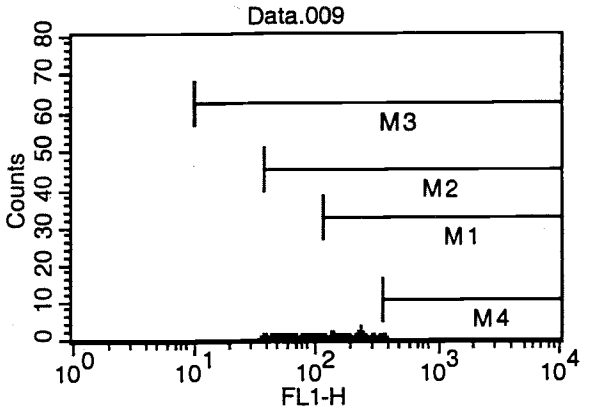
File: Data.009 Sample ID: Day 2 #4 lung
Acquisition Date: Gate: G2
Gated Events: 374 Total Events: 5850
X Parameter: FL2-H (Log) Y Parameter: FL3-H (Log)

Region	Events	% Gated	% Total	X Geo Mean	Y Geo Mean
R1	336	89.84	5.74	32.14	205.05
R2	374	100.00	6.39	35.22	234.62
R3 AND R2	57	15.24	0.97	227.21	309.76



File: Data.009 Log Data Units: Linear Values
Sample ID: Day 2 #4 lung Acquisition Date:
Gate: G1 Gated Events: 1762
Total Events: 5850 X Parameter: FL4-H (Log)

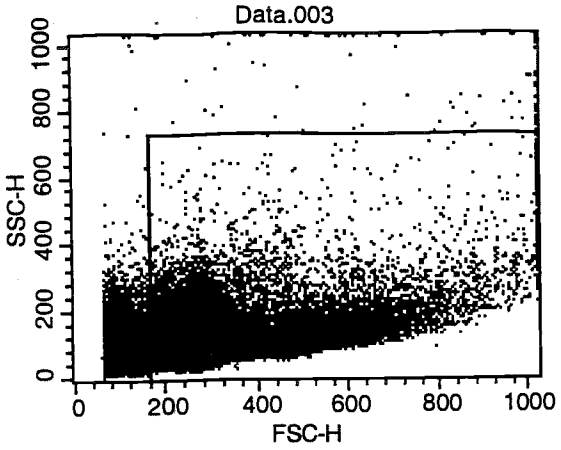
Marker	Left, Right	Events	% Gated	% Total	Geo Mean	Median
All	1, 9910	1762	100.00	30.12	7.55	6.58
M1	24, 9910	333	18.90	5.69	55.62	51.40

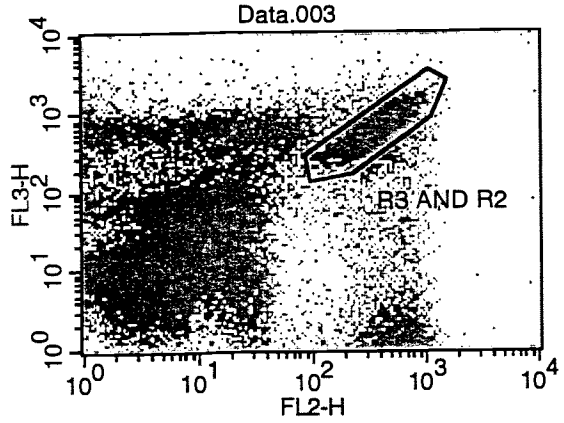


File: Data.009 Sample ID: Day 2 #4 lung
Acquisition Date: Gate: G3
Gated Events: 167 Total Events: 5850
X Parameter: FL1-H (Log)

Marker	Left, Right	Events	% Gated	% Total	Geo Mean	Median
All	1, 9910	167	100.00	2.85	109.95	112.40
M4	346, 9910	7	4.19	0.12	544.56	513.97
M1	113, 9910	83	49.70	1.42	206.31	209.08
M2	37, 9910	159	95.21	2.72	118.50	127.49
M3	10, 9910	167	100.00	2.85	109.95	112.40

DAY 4

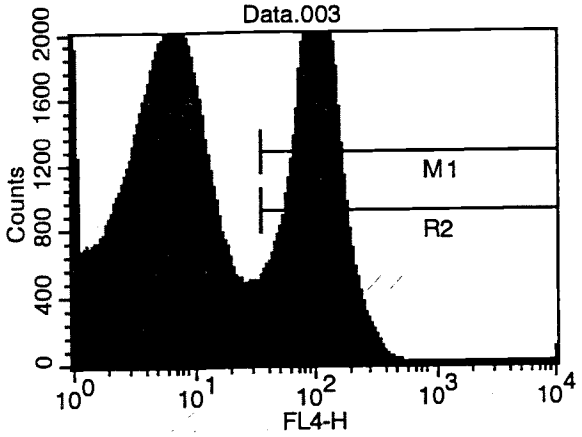




File: Data.003
Acquisition Date:
Gated Events: 308897
X Parameter: FL2-H (Log)

Sample ID: C #1 LN
Gate: G2
Total Events: 1000000
Y Parameter: FL3-H (Log)

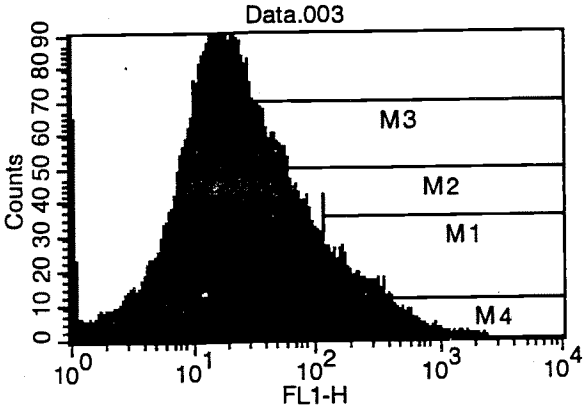
Region	Events	% Gated	% Total	X Geo Mean	Y Geo Mean
R1	296013	95.83	29.60	13.49	22.09
R2	308897	100.00	30.89	13.37	23.22
R3 AND R2	22332	7.23	2.23	359.18	638.29



File: Data.003
Sample ID: C #1 LN
Gate: G1
Total Events: 1000000

Log Data Units: Linear Values
Acquisition Date:
Gated Events: 762562
X Parameter: FL4-H (Log)

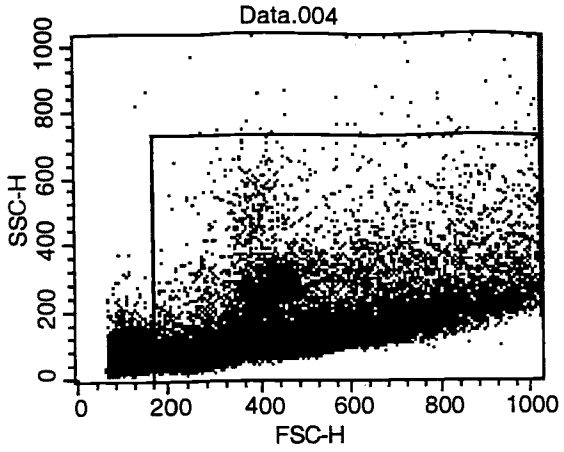
Marker	Left, Right	Events	% Gated	% Total	Geo Mean	Median
All	1, 9910	762562	100.00	76.26	16.15	11.55
M1	36, 9910	295050	38.69	29.51	98.50	98.22



File: Data.003
Acquisition Date:
Gated Events: 25212
X Parameter: FL1-H (Log)

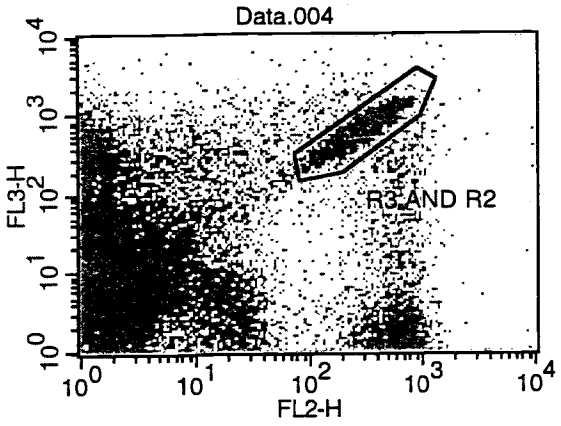
Sample ID: C #1 LN
Gate: G3
Total Events: 1000000

Marker	Left, Right	Events	% Gated	% Total	Geo Mean	Median
All	1, 9910	25212	100.00	2.52	23.83	21.29
M4	346, 9910	712	2.82	0.07	563.52	504.81
M1	113, 9910	2945	11.68	0.29	241.04	210.97
M2	37, 9910	8256	32.75	0.83	98.14	79.15
M3	10, 9910	19884	78.87	1.99	37.01	29.16



6.26 x 15 = 93.9

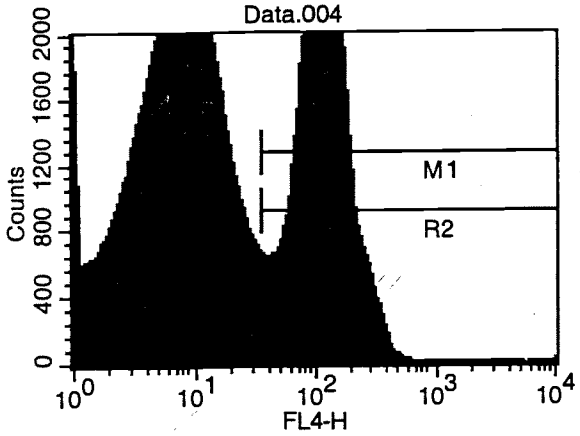
93.9 / 100 x 2.52 = 2.366



File: Data.004
Acquisition Date:
Gated Events: 382387
X Parameter: FL2-H (Log)

Sample ID: C #1 Spleen
Gate: G2
Total Events: 1000000
Y Parameter: FL3-H (Log)

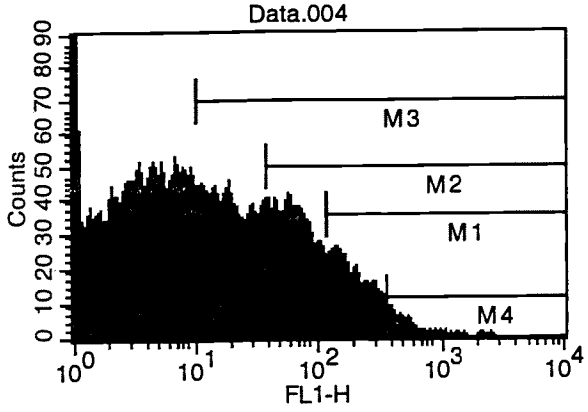
Region	Events	% Gated	% Total	X Geo Mean	Y Geo Mean
R1	379062	99.13	37.91	4.72	18.87
R2	382387	100.00	38.24	4.71	19.15
R3 AND R2	25179	6.58	2.52	305.41	661.15



File: Data.004
Sample ID: C #1 Spleen
Gate: G1
Total Events: 1000000

Log Data Units: Linear Values
Acquisition Date:
Gated Events: 965914
X Parameter: FL4-H (Log)

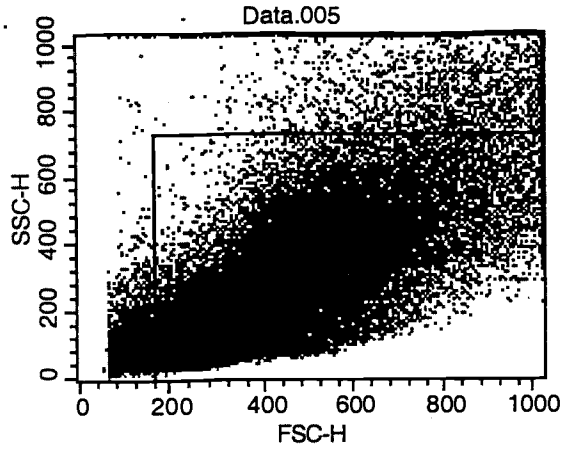
Marker	Left, Right	Events	% Gated	% Total	Geo Mean	Median
All	1, 9910	965914	100.00	96.59	19.26	14.46
M1	36, 9910	377749	39.11	37.77	109.30	109.41



File: Data.004
Acquisition Date:
Gated Events: 26506
X Parameter: FL1-H (Log)

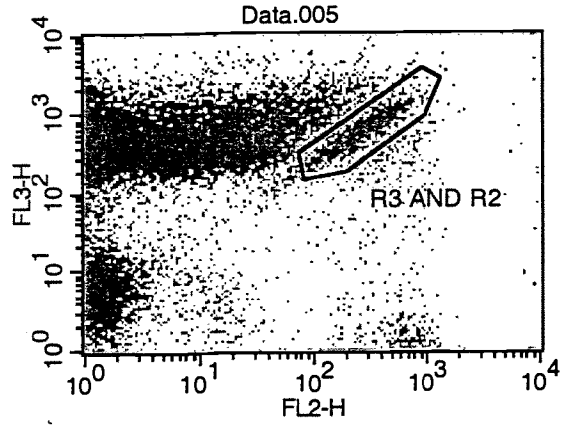
Sample ID: C #1 Spleen
Gate: G3
Total Events: 1000000

Marker	Left, Right	Events	% Gated	% Total	Geo Mean	Median
All	1, 9910	26506	100.00	2.65	9.08	7.64
M4	346, 9910	407	1.54	0.04	526.06	461.38
M1	113, 9910	2510	9.47	0.25	214.89	192.82
M2	37, 9910	6526	24.62	0.65	99.53	85.82
M3	10, 9910	12032	45.39	1.20	45.96	41.79



0.8 x 15 = 12

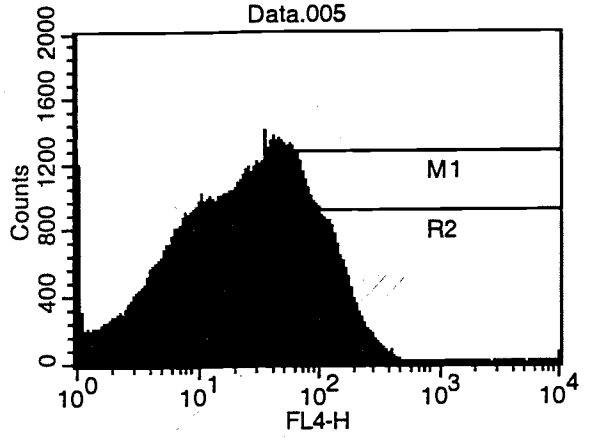
12/100 x 1,49 = 0,173



File: Data.005
Acquisition Date:
Gated Events: 219283
X Parameter: FL2-H (Log)

Sample ID: C #1 Lung
Gate: G2
Total Events: 581775
Y Parameter: FL3-H (Log)

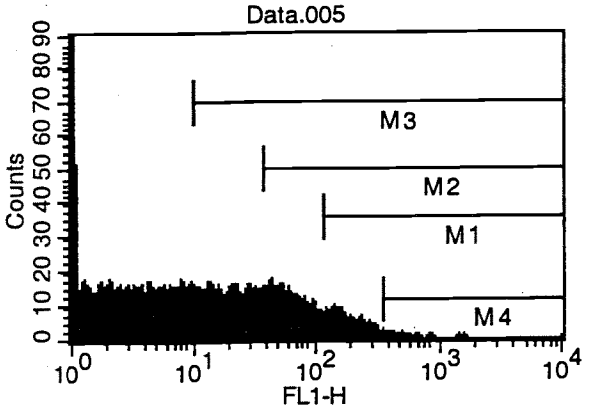
Region	Events	% Gated	% Total	X Geo Mean	Y Geo Mean
R1	191015	87.11	32.83	2.83	219.32
R2	219283	100.00	37.69	2.84	248.89
R3 AND R2	8379	3.82	1.44	263.45	585.19



File: Data.005
Sample ID: C #1 Lung
Gate: G1
Total Events: 581775

Log Data Units: Linear Values
Acquisition Date:
Gated Events: 453498
X Parameter: FL4-H (Log)

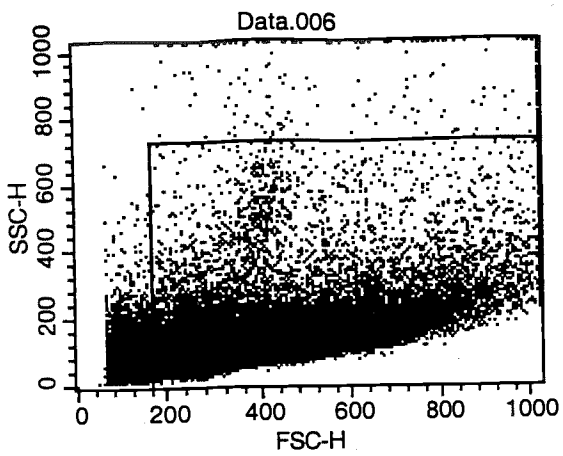
Marker	Left, Right	Events	% Gated	% Total	Geo Mean	Median
All	1, 9910	453498	100.00	77.95	22.66	26.18
M1	36, 9910	188652	41.60	32.43	77.34	70.41



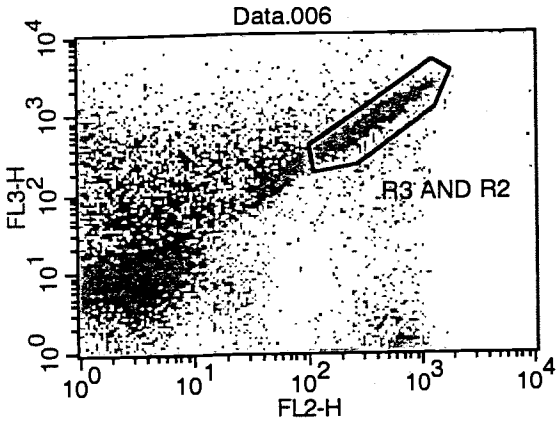
File: Data.005
Acquisition Date:
Gated Events: 9342
X Parameter: FL1-H (Log)

Sample ID: C #1 Lung
Gate: G3
Total Events: 581775

Marker	Left, Right	Events	% Gated	% Total	Geo Mean	Median
All	1, 9910	9342	100.00	1.61	7.74	6.41
M4	346, 9910	92	0.98	0.02	658.20	511.66
M1	113, 9910	709	7.59	0.12	207.92	177.83
M2	37, 9910	2099	22.47	0.36	90.76	75.67
M3	10, 9910	4004	42.86	0.69	42.80	39.24

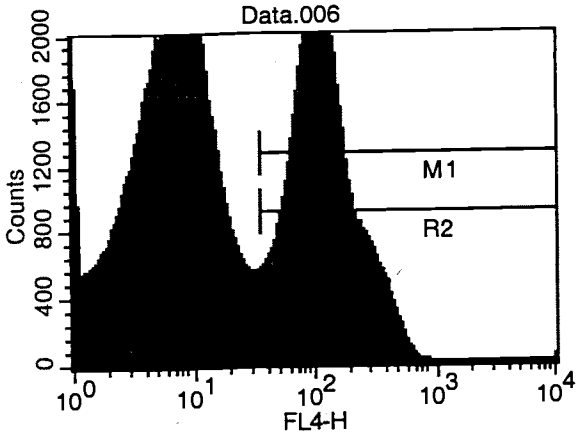


Spot
6.88 x 10^6 / 150



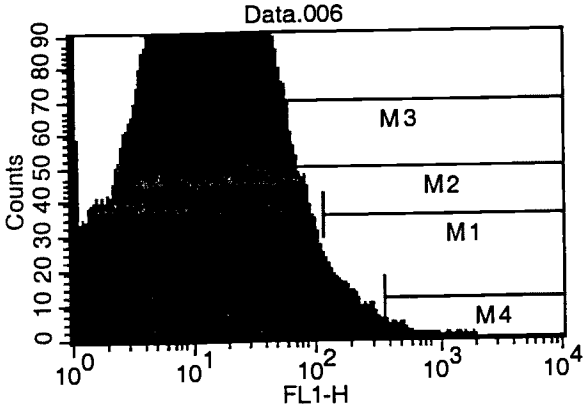
File: Data.006
Acquisition Date:
Gated Events: 350033
X Parameter: FL2-H (Log)
Sample ID: OVA #2 LN
Gate: G2
Total Events: 1000000
Y Parameter: FL3-H (Log)

Region	Events	% Gated	% Total	X Geo Mean	Y Geo Mean
R1	340822	97.37	34.08	13.74	59.33
R2	350033	100.00	35.00	13.48	60.08
R3 AND R2	60172	17.19	6.02	336.84	761.24



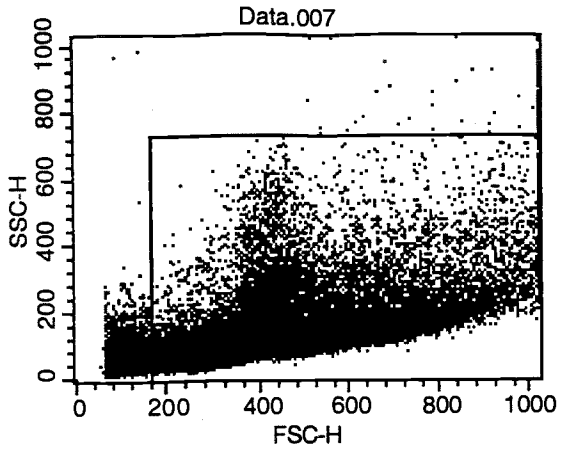
File: Data.006
Sample ID: OVA #2 LN
Gate: G1
Total Events: 1000000
Log Data Units: Linear Values
Acquisition Date:
Gated Events: 854549
X Parameter: FL4-H (Log)

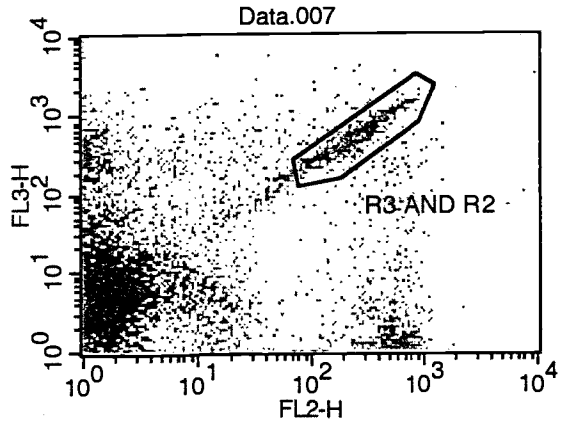
Marker	Left, Right	Events	% Gated	% Total	Geo Mean	Median
All	1, 9910	854549	100.00	85.45	19.14	13.34
M1	36, 9910	339741	39.76	33.97	114.41	107.46



File: Data.006
Acquisition Date:
Gated Events: 62093
X Parameter: FL1-H (Log)
Sample ID: OVA #2 LN
Gate: G3
Total Events: 1000000

Marker	Left, Right	Events	% Gated	% Total	Geo Mean	Median
All	1, 9910	62093	100.00	6.21	11.12	12.08
M4	346, 9910	184	0.30	0.02	529.99	459.31
M1	113, 9910	1575	2.54	0.16	196.54	173.09
M2	37, 9910	8333	13.42	0.83	71.18	59.89
M3	10, 9910	36534	58.84	3.65	23.86	19.81

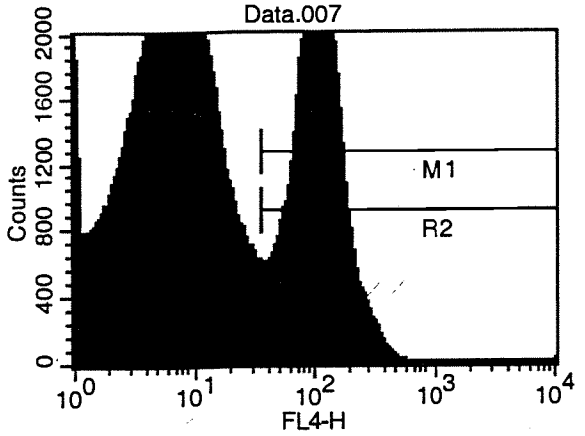




File: Data.007
Acquisition Date:
Gated Events: 326854
X Parameter: FL2-H (Log)

Sample ID: OVA #2 Spleen
Gate: G2
Total Events: 1000000
Y Parameter: FL3-H (Log)

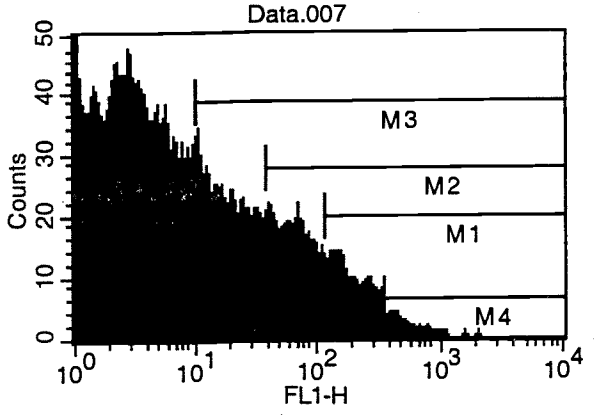
Region	Events	% Gated	% Total	X Geo Mean	Y Geo Mean
R1	323851	99.08	32.39	3.95	17.38
R2	326854	100.00	32.69	3.93	17.63
R3 AND R2	18132	5.55	1.81	250.35	545.74



File: Data.007
Sample ID: OVA #2 Spleen
Gate: G1
Total Events: 1000000

Log Data Units: Linear Values
Acquisition Date:
Gated Events: 957392
X Parameter: FL4-H (Log)

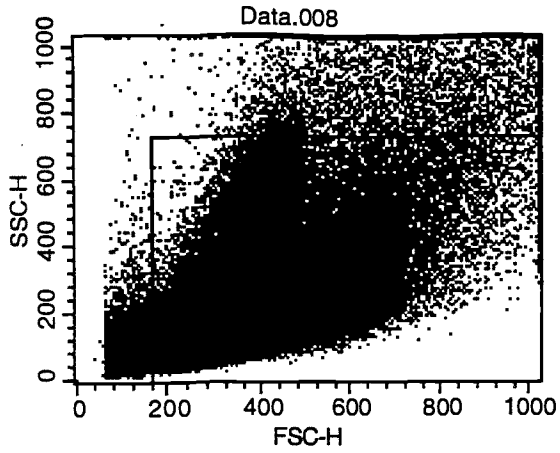
Marker	Left, Right	Events	% Gated	% Total	Geo Mean	Median
All	1, 9910	957392	100.00	95.74	14.90	10.75
M1	36, 9910	322638	33.70	32.26	101.42	101.82

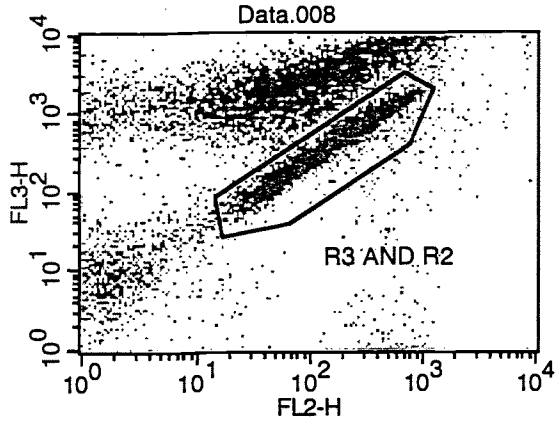


File: Data.007
Acquisition Date:
Gated Events: 20004
X Parameter: FL1-H (Log)

Sample ID: OVA #2 Spleen
Gate: G3
Total Events: 1000000

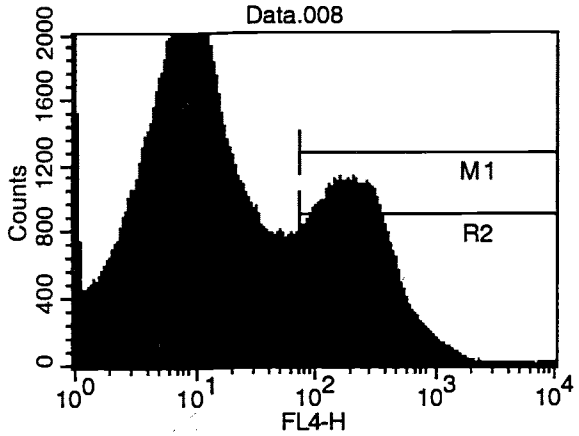
Marker	Left, Right	Events	% Gated	% Total	Geo Mean	Median
All	1, 9910	20004	100.00	2.00	5.58	3.59
M4	346, 9910	223	1.11	0.02	533.98	469.76
M1	113, 9910	1343	6.71	0.13	217.24	194.56
M2	37, 9910	3379	16.89	0.34	101.62	88.96
M3	10, 9910	6562	32.80	0.66	44.06	38.20





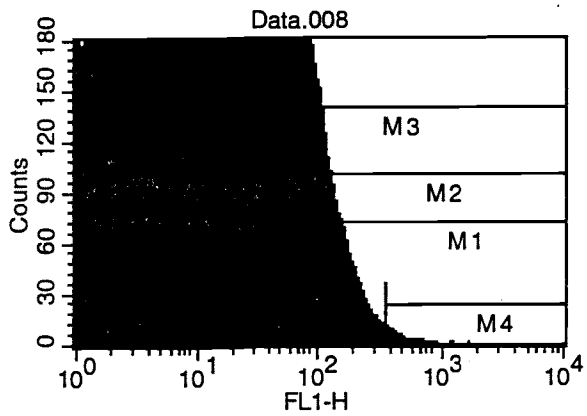
File: Data.008 Sample ID: OVA #2 Lung
Acquisition Date: Gate: G2
Gated Events: 235959 Total Events: 1000000
X Parameter: FL2-H (Log) Y Parameter: FL3-H (Log)

Region	Events	% Gated	% Total	X Geo Mean	Y Geo Mean
R1	217489	92.17	21.75	59.60	477.33
R2	235959	100.00	23.60	63.64	528.96
R3 AND R2	99855	42.32	9.99	173.23	430.03



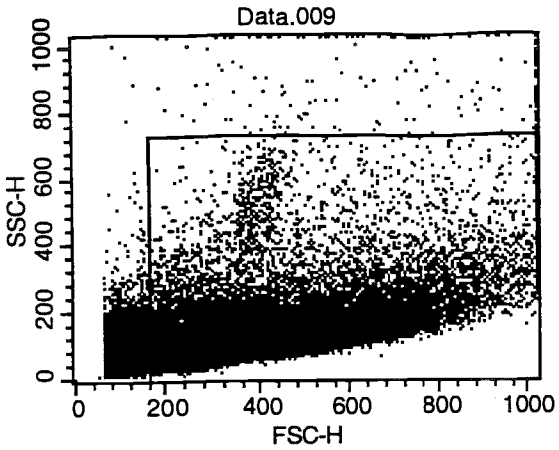
File: Data.008 Log Data Units: Linear Values
Sample ID: OVA #2 Lung Acquisition Date:
Gate: G1 Gated Events: 782642
Total Events: 1000000 X Parameter: FL4-H (Log)

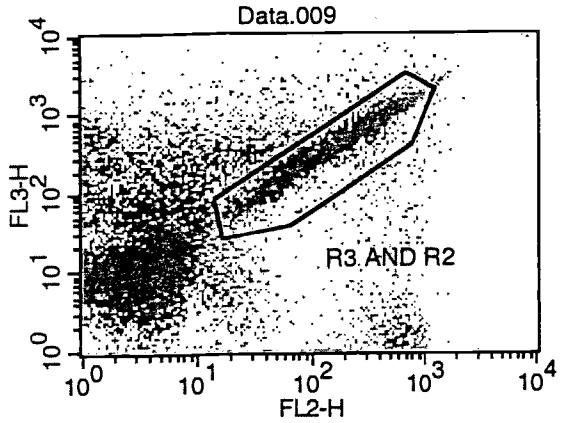
Marker	Left, Right	Events	% Gated	% Total	Geo Mean	Median
All	1, 9910	782642	100.00	78.26	20.74	13.95
M1	73, 9910	216736	27.69	21.67	213.37	201.69



File: Data.008 Sample ID: OVA #2 Lung
Acquisition Date: Gate: G3
Gated Events: 187460 Total Events: 1000000
X Parameter: FL1-H (Log)

Marker	Left, Right	Events	% Gated	% Total	Geo Mean	Median
All	1, 9910	187460	100.00	18.75	7.58	6.38
M4	346, 9910	311	0.17	0.03	478.91	421.70
M1	113, 9910	5439	2.90	0.54	170.07	152.61
M2	37, 9910	28866	15.40	2.89	74.10	67.93
M3	10, 9910	68310	36.44	6.83	31.92	28.90

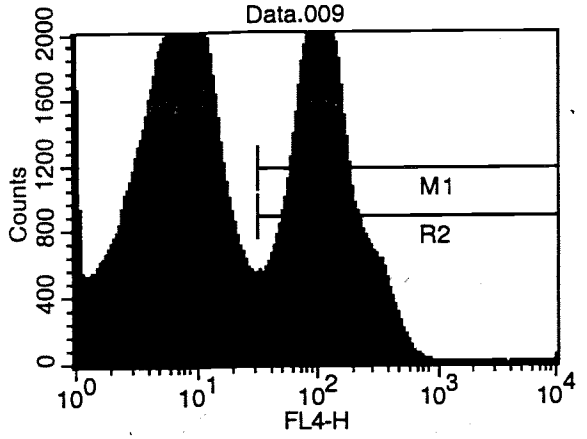




File: Data.009
Acquisition Date:
Gated Events: 356144
X Parameter: FL2-H (Log)

Sample ID: OVA #3 LN
Gate: G2
Total Events: 1000000
Y Parameter: FL3-H (Log)

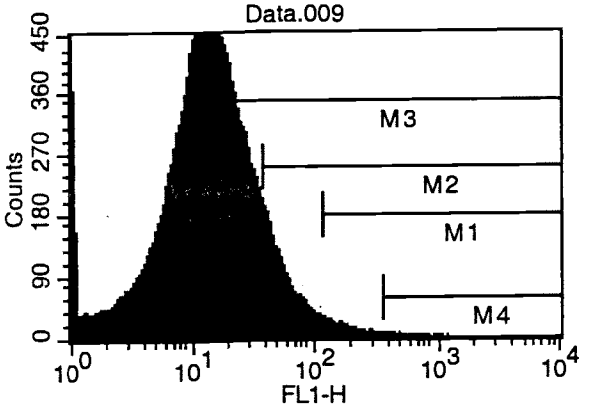
Region	Events	% Gated	% Total	X Geo Mean	Y Geo Mean
R1	347223	97.50	34.72	13.61	58.54
R2	356144	100.00	35.61	13.38	59.34
R3 AND R2	88303	24.79	8.83	188.41	451.92



File: Data.009
Sample ID: OVA #3 LN
Gate: G1
Total Events: 1000000

Log Data Units: Linear Values
Acquisition Date:
Gated Events: 854207
X Parameter: FL4-H (Log)

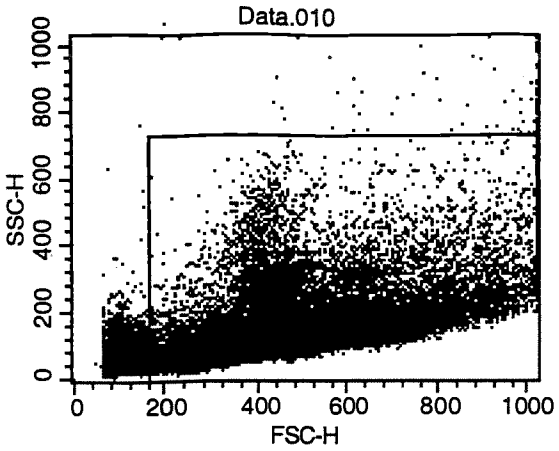
Marker	Left, Right	Events	% Gated	% Total	Geo Mean	Median
All	1, 9910	854207	100.00	85.42	19.46	13.58
M1	32, 9910	346729	40.59	34.67	111.09	105.54

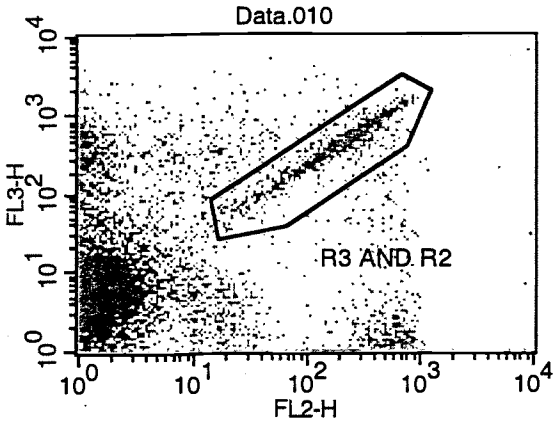


File: Data.009
Acquisition Date:
Gated Events: 99935
X Parameter: FL1-H (Log)

Sample ID: OVA #3 LN
Gate: G3
Total Events: 1000000

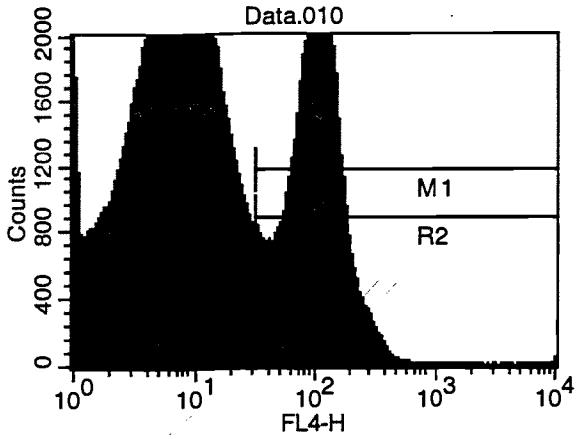
Marker	Left, Right	Events	% Gated	% Total	Geo Mean	Median
All	1, 9910	99935	100.00	9.99	12.80	13.34
M4	346, 9910	190	0.19	0.02	509.42	453.16
M1	113, 9910	1761	1.76	0.18	188.13	165.48
M2	37, 9910	11755	11.76	1.18	64.69	53.76
M3	10, 9910	66028	66.07	6.60	21.75	18.60





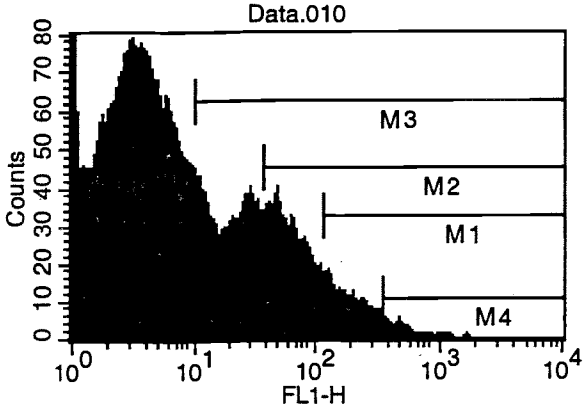
File: Data.010 Sample ID: OVA #3 Spleen
Acquisition Date: Gate: G2
Gated Events: 307459 Total Events: 1000000
X Parameter: FL2-H (Log) Y Parameter: FL3-H (Log)

Region	Events	% Gated	% Total	X Geo Mean	Y Geo Mean
R1	304715	99.11	30.47	3.72	21.26
R2	307459	100.00	30.75	3.71	21.52
R3 AND R2	20997	6.83	2.10	181.76	394.23



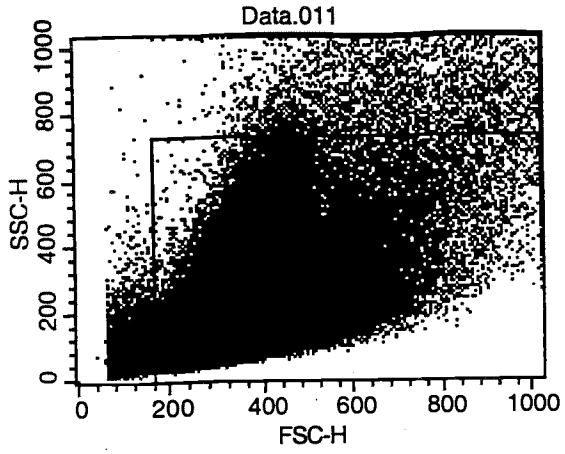
File: Data.010 Log Data Units: Linear Values
Sample ID: OVA #3 Spleen Acquisition Date:
Gate: G1 Gated Events: 963577
Total Events: 1000000 X Parameter: FL4-H (Log)

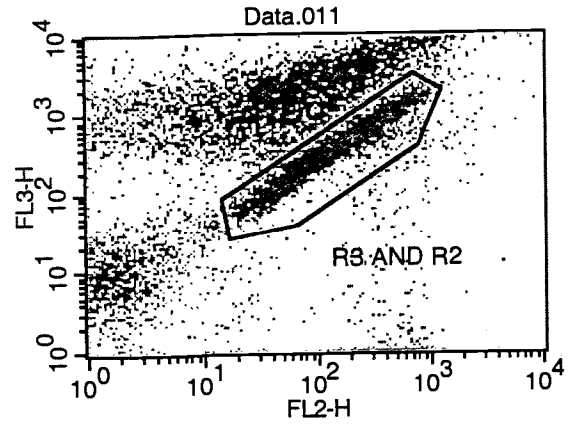
Marker	Left, Right	Events	% Gated	% Total	Geo Mean	Median
All	1, 9910	963577	100.00	96.36	14.05	10.65
M1	32, 9910	304015	31.55	30.40	95.21	96.47



File: Data.010 Sample ID: OVA #3 Spleen
Acquisition Date: Gate: G3
Gated Events: 28074 Total Events: 1000000
X Parameter: FL1-H (Log)

Marker	Left, Right	Events	% Gated	% Total	Geo Mean	Median
All	1, 9910	28074	100.00	2.81	6.03	4.29
M4	346, 9910	210	0.75	0.02	542.33	478.29
M1	113, 9910	1372	4.89	0.14	212.76	191.10
M2	37, 9910	4540	16.17	0.45	87.67	73.65
M3	10, 9910	9193	32.75	0.92	40.35	36.19

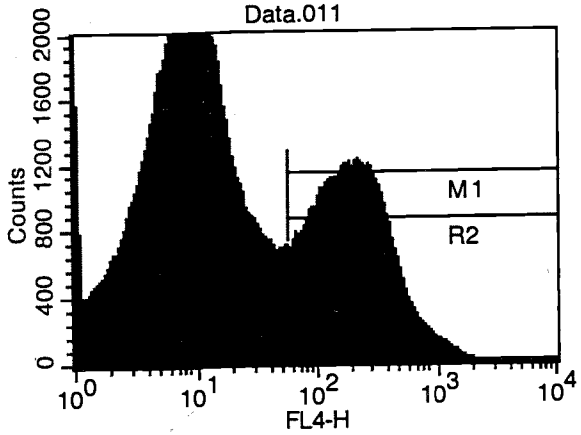




File: Data.011
Acquisition Date:
Gated Events: 266649
X Parameter: FL2-H (Log)

Sample ID: OVA #2 Lung
Gate: G2
Total Events: 1000000
Y Parameter: FL3-H (Log)

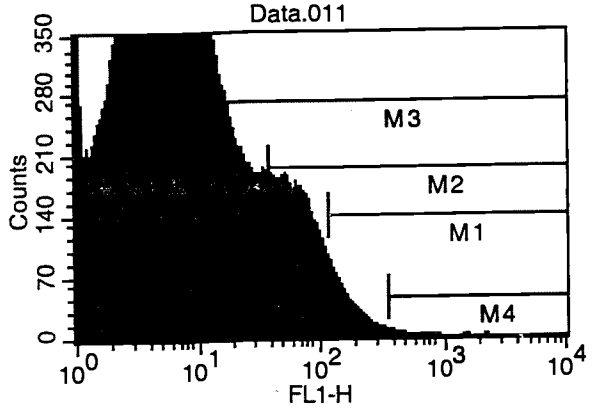
Region	Events	% Gated	% Total	X Geo Mean	Y Geo Mean
R1	247653	92.88	24.77	54.63	403.53
R2	266649	100.00	26.66	57.66	440.40
R3 AND R2	116817	43.81	11.68	166.19	413.46



File: Data.011
Sample ID: OVA #2 Lung
Gate: G1
Total Events: 1000000

Log Data Units: Linear Values
Acquisition Date:
Gated Events: 801632
X Parameter: FL4-H (Log)

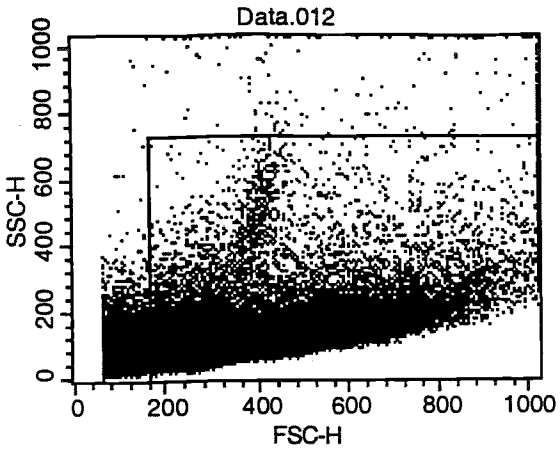
Marker	Left, Right	Events	% Gated	% Total	Geo Mean	Median
All	1, 9910	801632	100.00	80.16	21.03	13.70
M1	56, 9910	246989	30.81	24.70	189.95	182.69

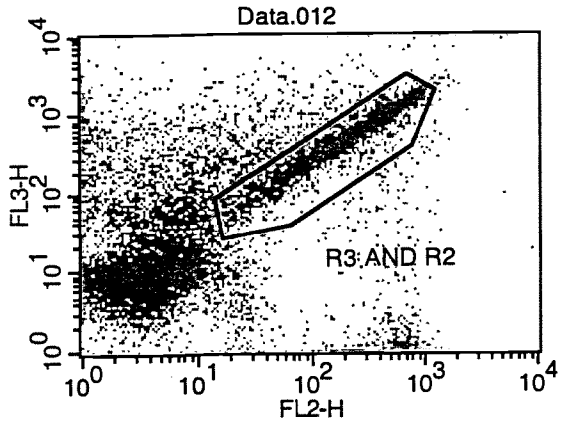


File: Data.011
Acquisition Date:
Gated Events: 191956
X Parameter: FL1-H (Log)

Sample ID: OVA #2 Lung
Gate: G3
Total Events: 1000000

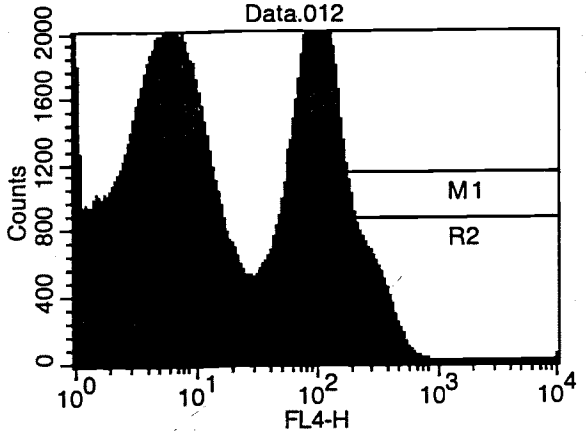
Marker	Left, Right	Events	% Gated	% Total	Geo Mean	Median
All	1, 9910	191956	100.00	19.20	6.54	5.73
M4	346, 9910	245	0.13	0.02	501.06	437.14
M1	113, 9910	4141	2.16	0.41	171.50	153.99
M2	37, 9910	22725	11.84	2.27	73.18	66.71
M3	10, 9910	60863	31.71	6.09	29.17	25.03





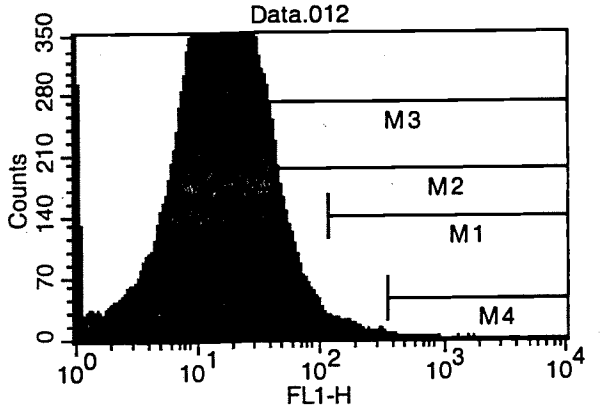
File: Data.012
Sample ID: OVA #4 LN
Acquisition Date:
Gate: G2
Gated Events: 297997
Total Events: 1000000
X Parameter: FL2-H (Log)
Y Parameter: FL3-H (Log)

Region	Events	% Gated	% Total	X Geo Mean	Y Geo Mean
R1	290848	97.60	29.08	17.43	54.21
R2	297997	100.00	29.80	17.28	55.04
R3 AND R2	83253	27.94	8.33	183.72	449.46



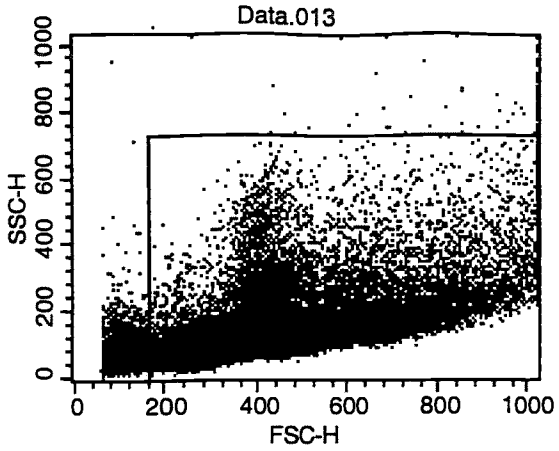
File: Data.012
Log Data Units: Linear Values
Sample ID: OVA #4 LN
Acquisition Date:
Gate: G1
Gated Events: 837011
Total Events: 1000000
X Parameter: FL4-H (Log)

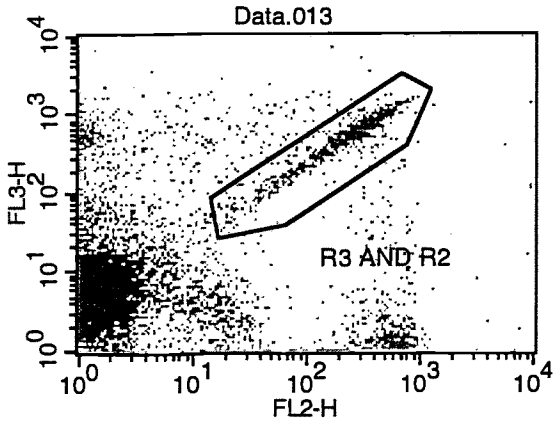
Marker	Left, Right	Events	% Gated	% Total	Geo Mean	Median
All	1, 9910	837011	100.00	83.70	16.53	11.65
M1	56, 9910	289783	34.62	28.98	122.32	110.40



File: Data.012
Sample ID: OVA #4 LN
Acquisition Date:
Gate: G3
Gated Events: 105378
Total Events: 1000000
X Parameter: FL1-H (Log)

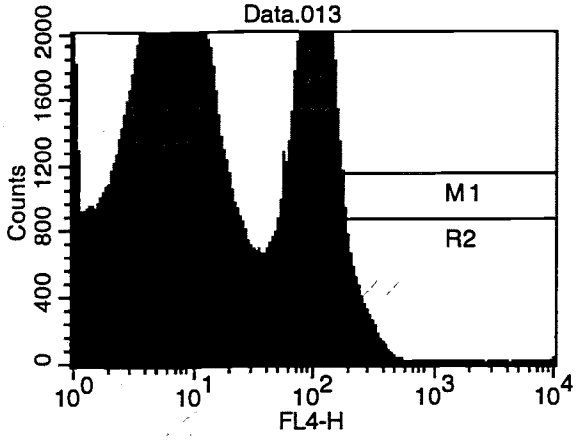
Marker	Left, Right	Events	% Gated	% Total	Geo Mean	Median
All	1, 9910	105378	100.00	10.54	14.30	14.86
M4	346, 9910	169	0.16	0.02	530.22	465.55
M1	113, 9910	1747	1.66	0.17	193.12	171.54
M2	37, 9910	14255	13.53	1.43	61.38	51.40
M3	10, 9910	74237	70.45	7.42	22.68	20.17





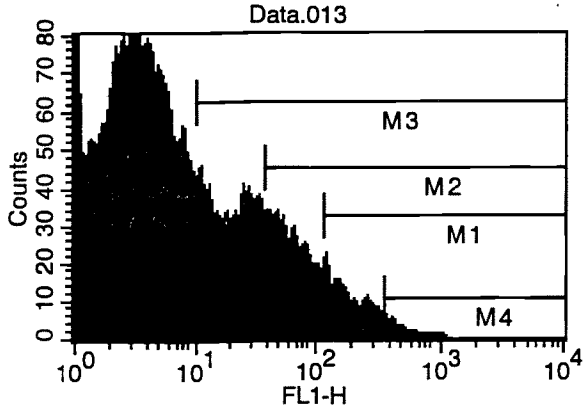
File: Data.013 Sample ID: OVA #4 Spleen
Acquisition Date: Gate: G2
Gated Events: 279636 Total Events: 1000000
X Parameter: FL2-H (Log) Y Parameter: FL3-H (Log)

Region	Events	% Gated	% Total	X Geo Mean	Y Geo Mean
R1	278156	99.47	27.82	4.20	14.61
R2	279636	100.00	27.96	4.20	14.77
R3 AND R2	19781	7.07	1.98	191.30	424.34



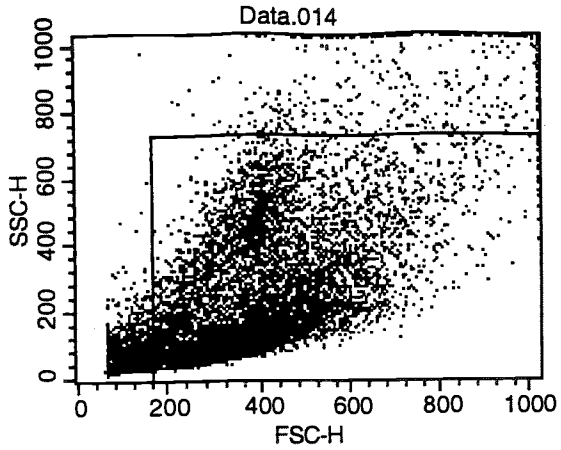
File: Data.013 Log Data Units: Linear Values
Sample ID: OVA #4 Spleen Acquisition Date:
Gate: G1 Gated Events: 960577
Total Events: 1000000 X Parameter: FL4-H (Log)

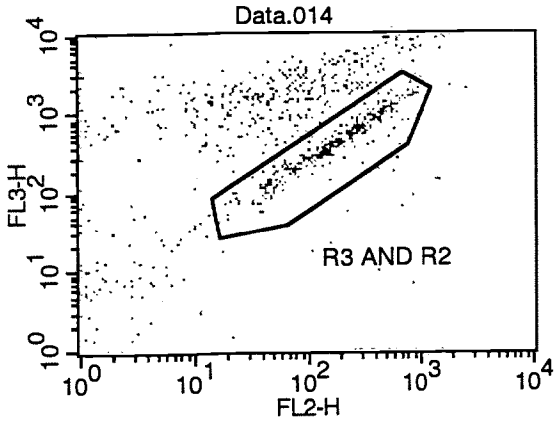
Marker	Left, Right	Events	% Gated	% Total	Geo Mean	Median
All	1, 9910	960577	100.00	96.06	14.08	10.37
M1	56, 9910	277112	28.85	27.71	108.55	103.66



File: Data.013 Sample ID: OVA #4 Spleen
Acquisition Date: Gate: G3
Gated Events: 29290 Total Events: 1000000
X Parameter: FL1-H (Log)

Marker	Left, Right	Events	% Gated	% Total	Geo Mean	Median
All	1, 9910	29290	100.00	2.93	5.65	3.96
M4	346, 9910	239	0.82	0.02	528.11	465.55
M1	113, 9910	1401	4.78	0.14	216.33	192.82
M2	37, 9910	4305	14.70	0.43	91.56	77.04
M3	10, 9910	9099	31.07	0.91	39.77	34.29

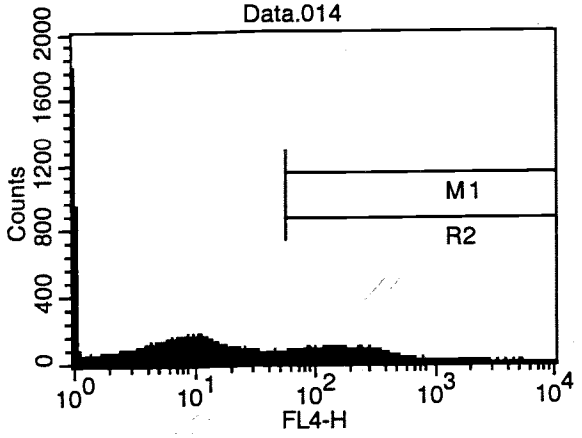




File: Data.014
Acquisition Date:
Gated Events: 18061
X Parameter: FL2-H (Log)

Sample ID: OVA #4 Lung
Gate: G2
Total Events: 69255
Y Parameter: FL3-H (Log)

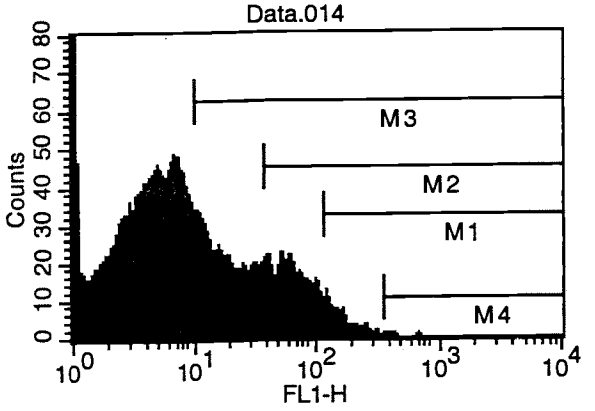
Region	Events	% Gated	% Total	X Geo Mean	Y Geo Mean
R1	16454	91.10	23.76	52.54	449.54
R2	18061	100.00	26.08	54.75	490.16
R3 AND R2	7475	41.39	10.79	169.32	416.95



File: Data.014
Sample ID: OVA #4 Lung
Gate: G1
Total Events: 69255

Log Data Units: Linear Values
Acquisition Date:
Gated Events: 55380
X Parameter: FL4-H (Log)

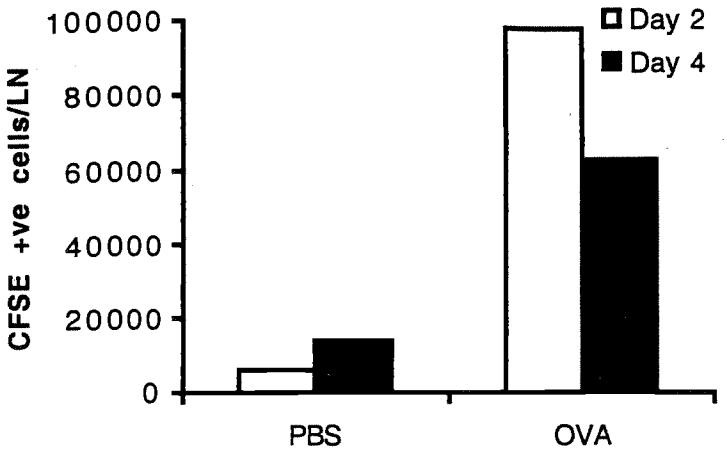
Marker	Left, Right	Events	% Gated	% Total	Geo Mean	Median
All	1, 9910	55380	100.00	79.97	18.84	13.34
M1	56, 9910	16398	29.61	23.68	173.23	162.53

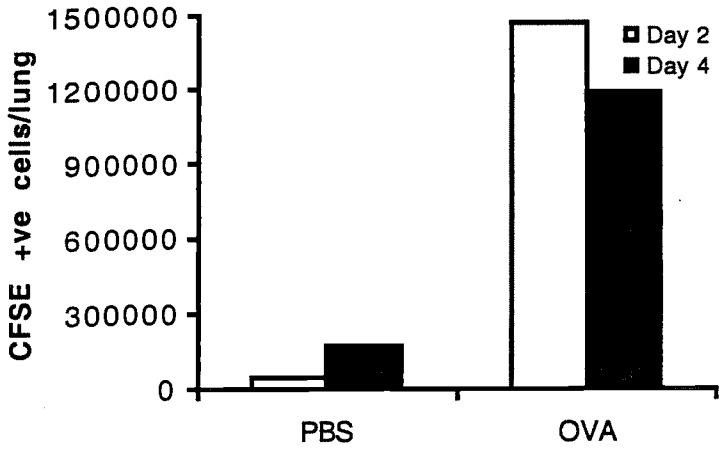


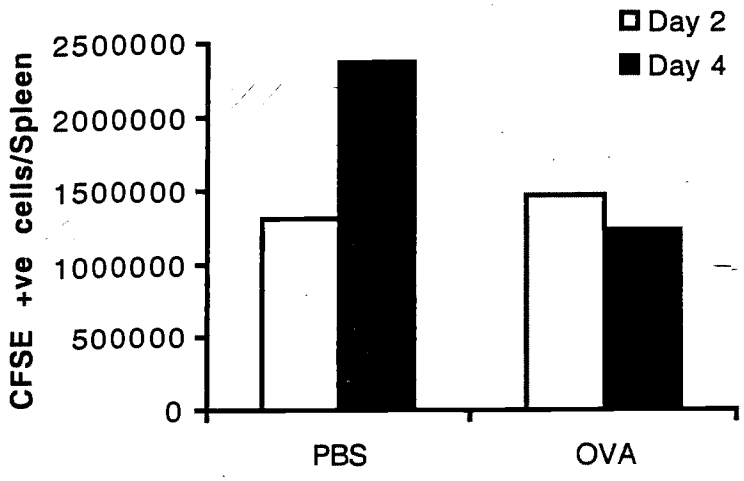
File: Data.014
Acquisition Date:
Gated Events: 13729
X Parameter: FL1-H (Log)

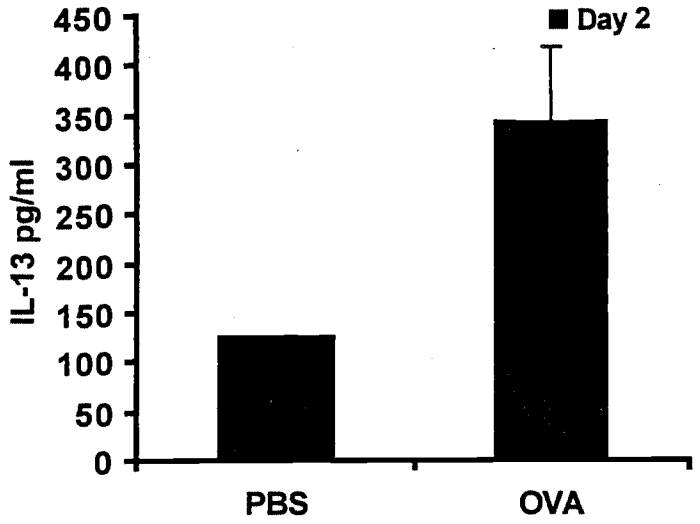
Sample ID: OVA #4 Lung
Gate: G3
Total Events: 69255

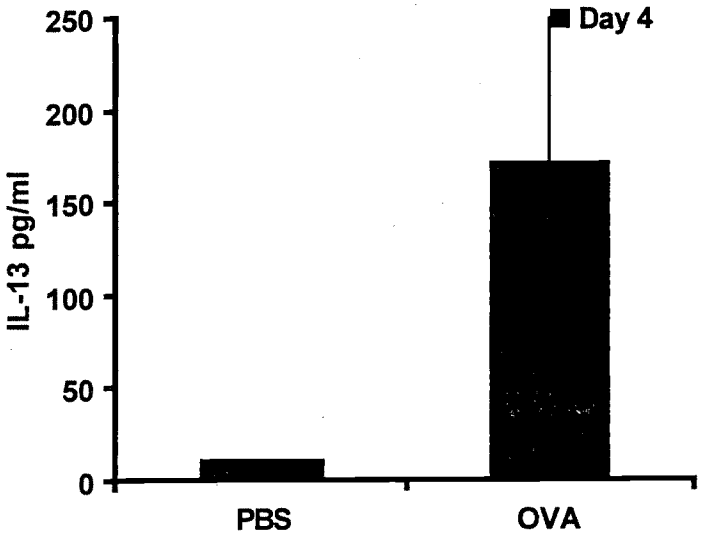
Marker	Left, Right	Events	% Gated	% Total	Geo Mean	Median
All	1, 9910	13729	100.00	19.82	7.83	6.61
M4	346, 9910	21	0.15	0.03	470.56	392.42
M1	113, 9910	433	3.15	0.63	163.19	145.90
M2	37, 9910	2279	16.60	3.29	72.99	66.71
M3	10, 9910	5221	38.03	7.54	32.68	30.51

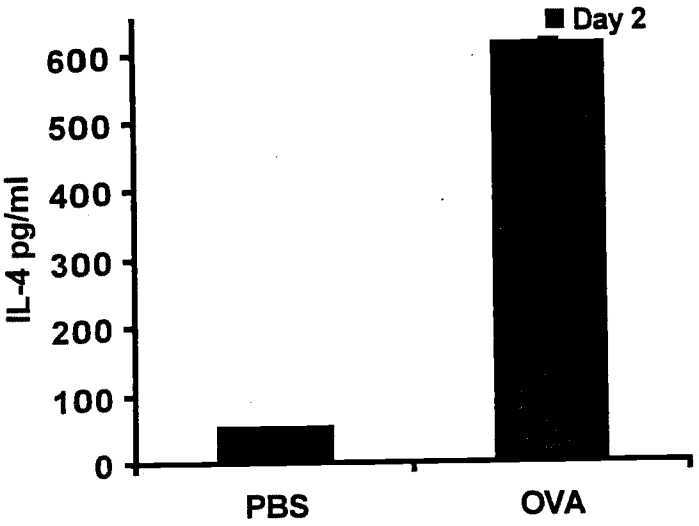

100000
80000
60000
40000
20000
0
CFSE +ve cells/LN
Day 2
Day 4
PBS
OVA

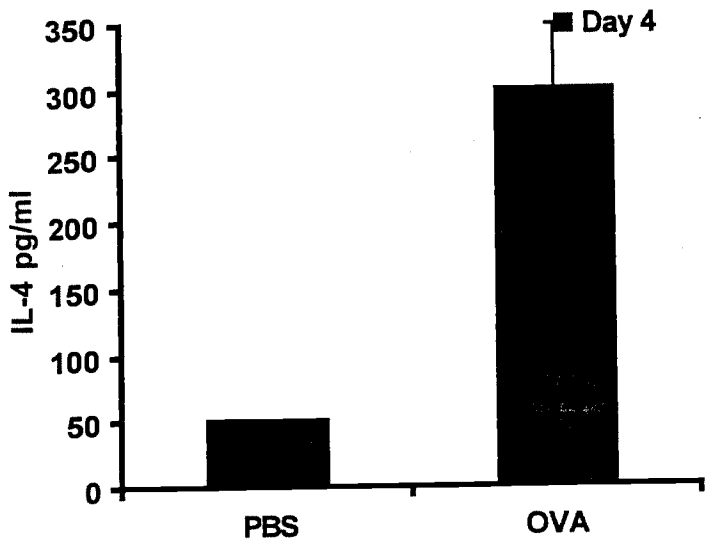

1500000
1200000
900000
600000
300000
0
CFSE +ve cells/lung
Day 2
Day 4
PBS
OVA


2500000
2000000
1500000
1000000
500000
0
CFSE +ve cells/Spleen
Day 2
Day 4
PBS
OVA


Day 2
450
400
350
300
250
200
150
100
50
0
IL-13 pg/ml
PBS
OVA


Day 4
250
200
150
100
50
0
IL-13 pg/ml
PBS
OVA


Day 2
600
500
400
300
200
100
0
IL-4 pg/ml
PBS
OVA


Day 4
350
300
250
200
150
100
50
0
IL-4 pg/ml
PBS
OVA